

jUCMNav Report



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Title:	PatientSafety
Description:	
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Creation Date:	September 3, 2009 9:16:16 PM EDT
Modification Date:	August 9, 2012 7:46:32 PM EDT
Report Generation Date:	August 10, 2012 07:51:18 AM EDT
Specification Version:	143

Intentional Elements

1. Increase Patient Safety
2. Collect Data
3. Generate Informative Outcome Information
4. Make Safety Decision
5. Adopt Decision
6. Analyze Outcome Data
7. Generate Expert Opinion
8. Collect Outcome Data
9. Collect Process Data
10. Collect Outcome Data by Observation
11. Collect Outcome Data based on Incident Reports
12. Collect Outcome Data based on EHR
13. Collect Outcome Data by two staged Chart Review
14. Collect Outcome Data based on Administrative Databases
15. Locate Important Data based on Guideline Manually
16. Collect Outcome Data Manually
17. Collect Outcome Data Semi_Automatically
18. Suggest Important Data based on rule database Automatically
19. Evaluate Automatically_Suggested Data
20. Capture Data
21. Report Outcome by Physicians
22. Report Outcomes by Nurses
23. Report Outcomes by Patients
24. Report Outcomes by Employees
25. Report Outcomes Anonymously
26. Review by Responsible Incident Authority
27. Review by Physicians
28. Locate Potential Outcomes
29. Locate Potential Outcomes by Nurses
30. Locate Potential Outcomes by Health Record Analysts
31. Locate Outcomes in Billing DB by Health Record Analysts
32. Document Administrative Events
33. Document Events by Physicians
34. Document Events by Nurses
35. Choose Indicator Codes for Outcome
36. Compare Information in Billing DB with Defined Codes
37. Compare Codes and information in DB Manually
38. Suggest Potential Outcomes Automatically
39. Use Codes from International Clasification Disease
40. Use Codes from Canadian Institute for Health Information
41. Use Codes from American Agency for Healthcare Research and Quality
42. Locate Outcome in EHR DB by Health Record Analysts
43. Document Medical Events
44. Document by Laboratory

45. Document by Pharmacy
46. Define Guideline for Detecting Outcome
47. Compare EHR Records with Guideline
48. Detect Outcomes in DB by Comparing them Automatically
49. Suggest Outcome by Comparing information in DB with Guideline Manually
50. Access EHR DB
51. Set Privacy Rules
52. Evaluate Compliance with Privacy Rules
53. Review Outcome Data
54. Investigate Details
55. Compare to Rating Guideline
56. Review Details
57. Rate Outcome Data
58. Suggest Conclusion Automatically
59. Conclude by Voting
60. Authorize Conclusion by Facilitator
61. Review in Committee Meeting
62. Review in Virtual Meetings
63. Share Data with Experts
64. Collect Feedback
65. Organize Feedback
66. Request Feedback
67. Evaluate based on Peer Review
68. Evaluate Feedback Automatically
69. Analyze Outcome Information Database by Analysts
70. Analyze Outcome Information by Healthcare Experts
71. Inform Decision Makers
72. Discuss the Issue by Decision Makers
73. Access Outcome Information
74. Draw Conclusion Automatically
75. Draw Conclusion Manually by Analysts
76. Decide about Issues by Decision Makers
77. Draw Conclusion by Experts
78. Make Decision by Voting Electronically
79. Make Decision by Voting in Meetings
80. Share Decision
81. Inform Formally
82. Inform Informally
83. Collect Feedback about Decision
84. Discussion in Online Forums
85. Informal Meeting
86. Inform by Question and Answers Database

87. Inform by Mailing Groups
88. Train Employees by Online Courses
89. Modify Decisions
90. Train Employees by Training Program
91. Update Rule Repository for Employees
92. Observe Execution
93. Collect Employees Feedback
94. Collect Experts Opinion
95. Inform Decision Makers about Feedbacks
96. Make Decision in Committees
97. Keep Database of Decisions Up To Date
98. Apply Decision
99. Collect Process Data by Observation
100. Collect Process Data based on Incident Reports
101. Collect Process Data based on EHR
102. Collect Process Data by two staged Chart Review
103. Collect Process Data based on Administrative Databases
104. Query DB
105. Communicate Traditionally
106. Communicate Electronically
107. Finalize Decision by Higher Level Decision Maker
108. Take Action
109. Prioritize Outcome
110. Prevent Outcome
111. Healthcare Procedures Are Complicated
112. Minimize Costs of Infrastructure
113. Decrease Data Collection Complexity
114. Medical procedures need to be investigated
115. Increase Care Quality in Long Term
116. Decrease Analysis Time
117. Comprehensive analysis is needed
118. Potential changes are complicated
119. Decrease Decision Making Time
120. Healthcare Institute Needs to Apply Decision to Many Employees
121. Decrease Adoption Costs
122. Increase Accuracy of Collected Outcome Data
123. Decrease Cost of Outcome Data Collection
124. Increase Accuracy of Collected Process Data
125. Decrease Cost of Process Data Collection
126. Decrease Cost of Observation
127. Observation is Manual
128. Observation is Semi-Automatic

129. Decrease Costs of Incident Collection
130. Non_Healthcare provider must be able to report incidents
131. Decrease Cost of Locating Potential Outcome
132. Decrease Costs of Ongoing DB Inspection
133. Decrease Costs of DB Tool Implementation
134. Costs of Documenting Administrative Events
135. Privacy Control is Must be Implemented
136. EHR DB Access Costs
137. Decrease Costs of EHR DB Tool Implementation
138. Decrease Costs of Ongoing EHR DB Inspection
139. Decrease Costs of Documenting for EHR
140. Decrease Ongoing Cost of Review
141. Decrease Costs of Rating Outcome
142. Decrease Costs of Ongoing Evaluation
143. Decrease Costs of Evaluation Tools
144. Decrease Costs of Organizing Feedback
145. Decrease Costs of Analysis
146. Detailed Investigation is Needed
147. Decrease Costs of Database Analysis
148. Decrease Costs of Implementing Communication Infrastructure
149. Decrease Ongoing Cost of Communication
150. Virtual Discussions about the Issue
151. Meet for Discussion about the Issue
152. Decrease Ongoing Costs of Decision Making
153. Decrease Costs of Implementing Virtual Discussion Tools
154. Decrease Costs of Ongoing Decision Making
155. Decrease Costs of Implementing Decision Making Tools
156. Decrease Costs of Sharing Decisions
157. Decrease Costs of Informing Informally
158. Inform Formally by Mailing Groups
159. Decrease Training Costs
160. Decrease Costs of Collecting Feedback
161. Make Decision by Facilitators
162. Decrease Costs of Modifying Decisions
163. Increase Effectiveness of Taking Action
164. Decrease Costs of Take Action
165. Resources for Taking Action is Limited

Actors

1. Healthcare Institute
2. Data Collection Stakeholder
3. Information Generation Stakeholder

4. Adopt Decision Stakeholder
5. Process Data Collection Stakeholder
6. Outcome Data Collection Stakeholder
7. DB Inspector
8. EHR DB Stakeholder
9. Outcome Review Stakeholder
10. Categorizing Stakeholder
11. Feedback Organizer
12. Generating Expert Opinion Stakeholder
13. Outcome Data Analysis Stakeholder
14. Outcome Data Analyzer
15. Healthcare Expert Analyst
16. Information Communication Stakeholder
17. Decision Maker
18. Share Decision Stakeholder
19. Decision Communication Stakeholder
20. Collect Feedback Stakeholder
21. Take Action Stakeholder

Strategy Legend for Group "5 Take Action"

1:5.a Take Action Simple Strategy

2:5.b Take Action with Priority

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	0	0
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	0	0
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	75	90
Prioritize Outcome	0	100
Prevent Outcome	100	100
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	0	0
Decrease Analysis Time	0	0
Comprehensi ve analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	25
Decrease Costs of Take Action	0	-25
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "0 High Level Goal"

1:Ad hoc Improvement

2:Comprehensive Improvement

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	56	72
Data Collection Stakeholder (A)	80	80
Information Generation Stakeholder (A)	80	80
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	66

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	75	90
Collect Data	100	100
Generate Informative Outcome Information	100	100
Make Safety Decision	0	100
Adopt Decision	0	100
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	-50
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	50	90
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1 Collect Data"

- 1:1.a Basic Outcome
- 2:1.b Basic Process
- 3:1.c Complete

	Strategy Evaluations		
	1	2	3
Healthcare Institute (A)	20	20	25
Data Collection Stakeholder (A)	55	45	52
Information Generation Stakeholder (A)	0	0	0
Adopt Decision Stakeholder (A)	0	0	0
Process Data Collection Stakeholder (A)	0	0	0
Outcome Data Collection Stakeholder (A)	100	0	100
DB Inspector (A)	0	0	0
EHR DB Stakeholder (A)	0	0	0

Outcome Review Stakeholder (A)	0	0	0
Categorizing Stakeholder (A)	0	0	0
Feedback Organizer (A)	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0
Outcome Data Analyzer (A)	0	0	0
Healthcare Expert Analyst (A)	0	0	0
Information Communication Stakeholder (A)	0	0	0
Decision Maker (A)	0	0	0

Share Decision Stakeholder (A)	0	0	0
Decision Communication Stakeholder (A)	0	0	0
Collect Feedback Stakeholder (A)	0	0	0
Take Action Stakeholder (A)	0	0	0
Increase Patient Safety	28	28	34
Collect Data	75	75	90
Generate Informative Outcome Information	0	0	0
Make Safety Decision	0	0	0
Adopt Decision	0	0	0
Analyze Outcome Data	0	0	0

Generate Expert Opinion	0	0	0
Collect Outcome Data	100	0	100
Collect Process Data	0	100	100
Collect Outcome Data by Observation	0	0	0
Collect Outcome Data based on Incident Reports	0	0	0
Collect Outcome Data based on EHR	0	0	0
Collect Outcome Data by two staged Chart Review	0	0	0
Collect Outcome Data based on Administrative Databases	0	0	0

Locate Important Data based on Guideline Manually	0	0	0
Collect Outcome Data Manually	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0
Evaluate Automatically _Suggested Data	0	0	0
Capture Data	0	0	0
Report Outcome by Physicians	0	0	0
Report Outcomes by Nurses	0	0	0

Report Outcomes by Patients	0	0	0
Report Outcomes by Employees	0	0	0
Report Outcomes Anonymously	0	0	0
Review by Responsible Incident Authority	0	0	0
Review by Physicians	0	0	0
Locate Potential Outcomes	0	0	0
Locate Potential Outcomes by Nurses	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0
Locate Outcomes in Billing DB by	0	0	0

Health Record Analysts			
Document Administrative Events	0	0	0
Document Events by Physicians	0	0	0
Document Events by Nurses	0	0	0
Choose Indicator Codes for Outcome	0	0	0
Compare Information in Billing DB with Defined Codes	0	0	0
Compare Codes and information in DB Manually	0	0	0
Suggest Potential Outcomes Automatically	0	0	0
Use Codes from International	0	0	0

Clasification Disease			
Use Codes from Canadian Institute for Health Information	0	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0	0
Document Medical Events	0	0	0
Document by Laboratory	0	0	0
Document by Pharmacy	0	0	0
Define Guideline for Detecting Outcome	0	0	0

Compare EHR Records with Guideline	0	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0
Access EHR DB	0	0	0
Set Privacy Rules	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0
Review Outcome Data	0	0	0
Investigate Details	0	0	0
Compare to	0	0	0

Rating Guideline			
Review Details	0	0	0
Rate Outcome Data	0	0	0
Suggest Conclusion Automatically	0	0	0
Conclude by Voting	0	0	0
Authorize Conclusion by Facilitator	0	0	0
Review in Committee Meeting	0	0	0
Review in Virtual Meetings	0	0	0
Share Data with Experts	0	0	0
Collect Feedback	0	0	0
Organize Feedback	0	0	0
Request Feedback	0	0	0
Evaluate	0	0	0

based on Peer Review			
Evaluate Feedabck Automatically	0	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0	0
Analyze Outcome Information by Healthcare Experts	0	0	0
Inform Decision Makers	0	0	0
Discuss the Issue by Decision Makers	0	0	0
Access Outcome Information	0	0	0
Draw Conclusion Automatically	0	0	0
Draw Conclusion Manually by Analysts	0	0	0

Decide about Issues by Decision Makers	0	0	0
Draw Conclusion by Experts	0	0	0
Make Decision by Voting Electronically	0	0	0
Make Decision by Voting in Meetings	0	0	0
Share Decision	0	0	0
Inform Formally	0	0	0
Inform Informally	0	0	0
Collect Feedback about Decision	0	0	0
Discussion in Online Forums	0	0	0
Informal Meeting	0	0	0

Inform by Question and Answers Database	0	0	0
Inform by Mailing Groups	0	0	0
Train Employees by Online Courses	0	0	0
Modify Decisions	0	0	0
Train Employees by Training Program	0	0	0
Update Rule Repository for Employees	0	0	0
Observe Execution	0	0	0
Collect Employees Feedback	0	0	0
Collect Experts Opinion	0	0	0
Inform Decision Makers about	0	0	0

Feedbacks			
Make Decision in Committees	0	0	0
Keep Database of Decisions Up To Date	0	0	0
Apply Decision	0	0	0
Collect Process Data by Observation	0	0	0
Collect Process Data based on Incident Reports	0	0	0
Collect Process Data based on EHR	0	0	0
Collect Process Data by two staged Chart Review	0	0	0
Collect Process Data based on Administrative Databases	0	0	0

Query DB	0	0	0
Communicate Traditionally	0	0	0
Communicate Electronically	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0
Take Action	0	0	0
Prioritize Outcome	0	0	0
Prevent Outcome	0	0	0
Healthcare Procedures Are Complicated	0	0	0
Minimize Costs of Infrastructure	0	0	0
Decrease Data Collection Complexity	-25	-75	-100
Medical procedures need to be investigated	0	0	0

Increase Care Quality in Long Term	18	18	22
Decrease Analysis Time	0	0	0
Comprehensive analysis is needed	0	0	0
Potential changes are complicated	0	0	0
Decrease Decision Making Time	0	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0
Decrease Adoption Costs	0	0	0
Increase Accuracy of Collected Outcome Data	0	0	0
Decrease Cost of	0	0	0

Outcome Data Collection			
Increase Accuracy of Collected Process Data	0	0	0
Decrease Cost of Process Data Collection	0	0	0
Decrease Cost of Observation	0	0	0
Observation is Manual	0	0	0
Observation is Semi-Automatic	0	0	0
Decrease Costs of Incident Collection	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0
Decrease Cost of Locating Potential	0	0	0

Outcome			
Decrease Costs of Ongoing DB Inspection	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0
Costs of Documenting Administrative Events	0	0	0
Privacy Control is Must be Implemented	0	0	0
EHR DB Access Costs	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0
Decrease Costs of Documenting	0	0	0

for EHR			
Decrease Ongoing Cost of Review	0	0	0
Decrease Costs of Rating Outcome	0	0	0
Decrease Costs of Ongoing Evaluation	0	0	0
Decrease Costs of Evaluation Tools	0	0	0
Decrease Costs of Organizing Feedback	0	0	0
Decrease Costs of Analysis	0	0	0
Detailed Investigation is Needed	0	0	0
Decrease Costs of Database Analysis	0	0	0
Decrease	0	0	0

Costs of Implementing Communication Infrastructure			
Decrease Ongoing Cost of Communication	0	0	0
Virtual Discussions about the Issue	0	0	0
Meet for Discussion about the Issue	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0
Decrease Costs of Sharing Decisions	0	0	0
Decrease Costs of Informing Informally	0	0	0
Inform Formally by Mailing Groups	0	0	0
Decrease Training Costs	0	0	0
Decrease Costs of Collecting Feedback	0	0	0
Make Decision by Facilitators	0	0	0
Decrease Costs of Modifying Decisions	0	0	0

Increase Effectiveness of Taking Action	0	0	0
Decrease Costs of Take Action	0	0	0
Resources for Taking Action is Limited	0	0	0

Strategy Legend for Group "2 Generate Information"

1:2.a Just Outcome Analysis

2:2.b Just Expert Opinion

3:2.c Complete Analysis

	Strategy Evaluations		
	1	2	3
Healthcare Institute (A)	13	20	24
Data Collection Stakeholder (A)	0	0	0
Information Generation Stakeholder (A)	35	45	52
Adopt Decision Stakeholder (A)	0	0	0
Process Data Collection Stakeholder (A)	0	0	0
Outcome Data Collection Stakeholder (A)	0	0	0
DB Inspector (A)	0	0	0
EHR DB Stakeholder (A)	0	0	0

Outcome Review Stakeholder (A)	0	0	0
Categorizing Stakeholder (A)	0	0	0
Feedback Organizer (A)	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0
Outcome Data Analyzer (A)	0	0	0
Healthcare Expert Analyst (A)	0	0	0
Information Communication Stakeholder (A)	0	0	0
Decision Maker (A)	0	0	0

Share Decision Stakeholder (A)	0	0	0
Decision Communication Stakeholder (A)	0	0	0
Collect Feedback Stakeholder (A)	0	0	0
Take Action Stakeholder (A)	0	0	0
Increase Patient Safety	18	27	33
Collect Data	0	0	0
Generate Informative Outcome Information	50	75	90
Make Safety Decision	0	0	0
Adopt Decision	0	0	0
Analyze Outcome Data	100	0	100

Generate Expert Opinion	0	100	100
Collect Outcome Data	0	0	0
Collect Process Data	0	0	0
Collect Outcome Data by Observation	0	0	0
Collect Outcome Data based on Incident Reports	0	0	0
Collect Outcome Data based on EHR	0	0	0
Collect Outcome Data by two staged Chart Review	0	0	0
Collect Outcome Data based on Administrative Databases	0	0	0

Locate Important Data based on Guideline Manually	0	0	0
Collect Outcome Data Manually	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0
Evaluate Automatically _Suggested Data	0	0	0
Capture Data	0	0	0
Report Outcome by Physicians	0	0	0
Report Outcomes by Nurses	0	0	0

Report Outcomes by Patients	0	0	0
Report Outcomes by Employees	0	0	0
Report Outcomes Anonymously	0	0	0
Review by Responsible Incident Authority	0	0	0
Review by Physicians	0	0	0
Locate Potential Outcomes	0	0	0
Locate Potential Outcomes by Nurses	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0
Locate Outcomes in Billing DB by	0	0	0

Health Record Analysts			
Document Administrative Events	0	0	0
Document Events by Physicians	0	0	0
Document Events by Nurses	0	0	0
Choose Indicator Codes for Outcome	0	0	0
Compare Information in Billing DB with Defined Codes	0	0	0
Compare Codes and information in DB Manually	0	0	0
Suggest Potential Outcomes Automatically	0	0	0
Use Codes from International	0	0	0

Clasification Disease			
Use Codes from Canadian Institute for Health Information	0	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0	0
Document Medical Events	0	0	0
Document by Laboratory	0	0	0
Document by Pharmacy	0	0	0
Define Guideline for Detecting Outcome	0	0	0

Compare EHR Records with Guideline	0	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0
Access EHR DB	0	0	0
Set Privacy Rules	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0
Review Outcome Data	0	0	0
Investigate Details	0	0	0
Compare to	0	0	0

Rating Guideline			
Review Details	0	0	0
Rate Outcome Data	0	0	0
Suggest Conclusion Automatically	0	0	0
Conclude by Voting	0	0	0
Authorize Conclusion by Facilitator	0	0	0
Review in Committee Meeting	0	0	0
Review in Virtual Meetings	0	0	0
Share Data with Experts	0	0	0
Collect Feedback	0	0	0
Organize Feedback	0	0	0
Request Feedback	0	0	0
Evaluate	0	0	0

based on Peer Review			
Evaluate Feedabck Automatically	0	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0	0
Analyze Outcome Information by Healthcare Experts	0	0	0
Inform Decision Makers	0	0	0
Discuss the Issue by Decision Makers	0	0	0
Access Outcome Information	0	0	0
Draw Conclusion Automatically	0	0	0
Draw Conclusion Manually by Analysts	0	0	0

Decide about Issues by Decision Makers	0	0	0
Draw Conclusion by Experts	0	0	0
Make Decision by Voting Electronically	0	0	0
Make Decision by Voting in Meetings	0	0	0
Share Decision	0	0	0
Inform Formally	0	0	0
Inform Informally	0	0	0
Collect Feedback about Decision	0	0	0
Discussion in Online Forums	0	0	0
Informal Meeting	0	0	0

Inform by Question and Answers Database	0	0	0
Inform by Mailing Groups	0	0	0
Train Employees by Online Courses	0	0	0
Modify Decisions	0	0	0
Train Employees by Training Program	0	0	0
Update Rule Repository for Employees	0	0	0
Observe Execution	0	0	0
Collect Employees Feedback	0	0	0
Collect Experts Opinion	0	0	0
Inform Decision Makers about	0	0	0

Feedbacks			
Make Decision in Committees	0	0	0
Keep Database of Decisions Up To Date	0	0	0
Apply Decision	0	0	0
Collect Process Data by Observation	0	0	0
Collect Process Data based on Incident Reports	0	0	0
Collect Process Data based on EHR	0	0	0
Collect Process Data by two staged Chart Review	0	0	0
Collect Process Data based on Administrative Databases	0	0	0

Query DB	0	0	0
Communicate Traditionally	0	0	0
Communicate Electronically	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0
Take Action	0	0	0
Prioritize Outcome	0	0	0
Prevent Outcome	0	0	0
Healthcare Procedures Are Complicated	0	0	0
Minimize Costs of Infrastructure	0	0	0
Decrease Data Collection Complexity	0	0	0
Medical procedures need to be investigated	0	0	0

Increase Care Quality in Long Term	12	18	22
Decrease Analysis Time	-25	-75	-100
Comprehensive analysis is needed	0	0	0
Potential changes are complicated	0	0	0
Decrease Decision Making Time	0	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0
Decrease Adoption Costs	0	0	0
Increase Accuracy of Collected Outcome Data	0	0	0
Decrease Cost of	0	0	0

Outcome Data Collection			
Increase Accuracy of Collected Process Data	0	0	0
Decrease Cost of Process Data Collection	0	0	0
Decrease Cost of Observation	0	0	0
Observation is Manual	0	0	0
Observation is Semi-Automatic	0	0	0
Decrease Costs of Incident Collection	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0
Decrease Cost of Locating Potential	0	0	0

Outcome			
Decrease Costs of Ongoing DB Inspection	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0
Costs of Documenting Administrative Events	0	0	0
Privacy Control is Must be Implemented	0	0	0
EHR DB Access Costs	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0
Decrease Costs of Documenting	0	0	0

for EHR			
Decrease Ongoing Cost of Review	0	0	0
Decrease Costs of Rating Outcome	0	0	0
Decrease Costs of Ongoing Evaluation	0	0	0
Decrease Costs of Evaluation Tools	0	0	0
Decrease Costs of Orgnizing Feedback	0	0	0
Decrease Costs of Analysis	0	0	0
Detailed Investigation is Needed	0	0	0
Decrease Costs of Database Analysis	0	0	0
Decrease	0	0	0

Costs of Implementing Communication Infrastructure			
Decrease Ongoing Cost of Communication	0	0	0
Virtual Discussions about the Issue	0	0	0
Meet for Discussion about the Issue	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0
Decrease Costs of Sharing Decisions	0	0	0
Decrease Costs of Informing Informally	0	0	0
Inform Formally by Mailing Groups	0	0	0
Decrease Training Costs	0	0	0
Decrease Costs of Collecting Feedback	0	0	0
Make Decision by Facilitators	0	0	0
Decrease Costs of Modifying Decisions	0	0	0

Increase Effectiveness of Taking Action	0	0	0
Decrease Costs of Take Action	0	0	0
Resources for Taking Action is Limited	0	0	0

Strategy Legend for Group "3 Make Safety Decision"

1:3.a Complete

2:3.b Fast Decision Making

3:3.c Just Healthcare Analysts

	Strategy Evaluations		
	1	2	3
Healthcare Institute (A)	38	38	0
Data Collection Stakeholder (A)	0	0	0
Information Generation Stakeholder (A)	0	0	0
Adopt Decision Stakeholder (A)	0	0	0
Process Data Collection Stakeholder (A)	0	0	0
Outcome Data Collection Stakeholder (A)	0	0	0
DB Inspector (A)	0	0	0
EHR DB Stakeholder (A)	0	0	0

Outcome Review Stakeholder (A)	0	0	0
Categorizing Stakeholder (A)	0	0	0
Feedback Organizer (A)	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0
Outcome Data Analyzer (A)	0	0	0
Healthcare Expert Analyst (A)	0	0	0
Information Communication Stakeholder (A)	0	0	0
Decision Maker (A)	43	60	0

Share Decision Stakeholder (A)	0	0	0
Decision Communication Stakeholder (A)	0	0	0
Collect Feedback Stakeholder (A)	0	0	0
Take Action Stakeholder (A)	0	0	0
Increase Patient Safety	33	33	0
Collect Data	0	0	0
Generate Informative Outcome Information	0	0	0
Make Safety Decision	90	90	0
Adopt Decision	0	0	0
Analyze Outcome Data	0	0	0

Generate Expert Opinion	0	0	0
Collect Outcome Data	0	0	0
Collect Process Data	0	0	0
Collect Outcome Data by Observation	0	0	0
Collect Outcome Data based on Incident Reports	0	0	0
Collect Outcome Data based on EHR	0	0	0
Collect Outcome Data by two staged Chart Review	0	0	0
Collect Outcome Data based on Administrative Databases	0	0	0

Locate Important Data based on Guideline Manually	0	0	0
Collect Outcome Data Manually	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0
Evaluate Automatically _Suggested Data	0	0	0
Capture Data	0	0	0
Report Outcome by Physicians	0	0	0
Report Outcomes by Nurses	0	0	0

Report Outcomes by Patients	0	0	0
Report Outcomes by Employees	0	0	0
Report Outcomes Anonymously	0	0	0
Review by Responsible Incident Authority	0	0	0
Review by Physicians	0	0	0
Locate Potential Outcomes	0	0	0
Locate Potential Outcomes by Nurses	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0
Locate Outcomes in Billing DB by	0	0	0

Health Record Analysts			
Document Administrative Events	0	0	0
Document Events by Physicians	0	0	0
Document Events by Nurses	0	0	0
Choose Indicator Codes for Outcome	0	0	0
Compare Information in Billing DB with Defined Codes	0	0	0
Compare Codes and information in DB Manually	0	0	0
Suggest Potential Outcomes Automatically	0	0	0
Use Codes from International	0	0	0

Clasification Disease			
Use Codes from Canadian Institute for Health Information	0	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0	0
Document Medical Events	0	0	0
Document by Laboratory	0	0	0
Document by Pharmacy	0	0	0
Define Guideline for Detecting Outcome	0	0	0

Compare EHR Records with Guideline	0	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0
Access EHR DB	0	0	0
Set Privacy Rules	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0
Review Outcome Data	0	0	0
Investigate Details	0	0	0
Compare to	0	0	0

Rating Guideline			
Review Details	0	0	0
Rate Outcome Data	0	0	0
Suggest Conclusion Automatically	0	0	0
Conclude by Voting	0	0	0
Authorize Conclusion by Facilitator	0	0	0
Review in Committee Meeting	0	0	0
Review in Virtual Meetings	0	0	0
Share Data with Experts	0	0	0
Collect Feedback	0	0	0
Organize Feedback	0	0	0
Request Feedback	0	0	0
Evaluate	0	0	0

based on Peer Review			
Evaluate Feedabck Automatically	0	0	0
Analyze Outcome Inofrmation Database by Analysts	100	0	0
Analyze Outcome Information by Healthcare Experts	100	100	0
Inform Decision Makers	100	100	0
Discuss the Issue by Decision Makers	100	0	0
Access Outcome Information	0	0	0
Draw Conclusion Automatically	0	0	0
Draw Conclusion Manually by Analysts	0	0	0

Decide about Issues by Decision Makers	100	100	0
Draw Conclusion by Experts	0	0	0
Make Decision by Voting Electronically	0	0	0
Make Decision by Voting in Meetings	0	0	0
Share Decision	0	0	0
Inform Formally	0	0	0
Inform Informally	0	0	0
Collect Feedback about Decision	0	0	0
Discussion in Online Forums	0	0	0
Informal Meeting	0	0	0

Inform by Question and Answers Database	0	0	0
Inform by Mailing Groups	0	0	0
Train Employees by Online Courses	0	0	0
Modify Decisions	0	0	0
Train Employees by Training Program	0	0	0
Update Rule Repository for Employees	0	0	0
Observe Execution	0	0	0
Collect Employees Feedback	0	0	0
Collect Experts Opinion	0	0	0
Inform Decision Makers about	0	0	0

Feedbacks			
Make Decision in Committees	0	0	0
Keep Database of Decisions Up To Date	0	0	0
Apply Decision	0	0	0
Collect Process Data by Observation	0	0	0
Collect Process Data based on Incident Reports	0	0	0
Collect Process Data based on EHR	0	0	0
Collect Process Data by two staged Chart Review	0	0	0
Collect Process Data based on Administrative Databases	0	0	0

Query DB	0	0	0
Communicate Traditionally	0	0	0
Communicate Electronically	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0
Take Action	0	0	0
Prioritize Outcome	0	0	0
Prevent Outcome	0	0	0
Healthcare Procedures Are Complicated	0	0	0
Minimize Costs of Infrastructure	-22	-22	0
Decrease Data Collection Complexity	0	0	0
Medical procedures need to be investigated	0	0	0

Increase Care Quality in Long Term	67	67	0
Decrease Analysis Time	0	0	0
Comprehensive analysis is needed	0	0	0
Potential changes are complicated	0	0	0
Decrease Decision Making Time	-50	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0
Decrease Adoption Costs	0	0	0
Increase Accuracy of Collected Outcome Data	0	0	0
Decrease Cost of	0	0	0

Outcome Data Collection			
Increase Accuracy of Collected Process Data	0	0	0
Decrease Cost of Process Data Collection	0	0	0
Decrease Cost of Observation	0	0	0
Observation is Manual	0	0	0
Observation is Semi-Automatic	0	0	0
Decrease Costs of Incident Collection	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0
Decrease Cost of Locating Potential	0	0	0

Outcome			
Decrease Costs of Ongoing DB Inspection	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0
Costs of Documenting Administrative Events	0	0	0
Privacy Control is Must be Implemented	0	0	0
EHR DB Access Costs	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0
Decrease Costs of Documenting	0	0	0

for EHR			
Decrease Ongoing Cost of Review	0	0	0
Decrease Costs of Rating Outcome	0	0	0
Decrease Costs of Ongoing Evaluation	0	0	0
Decrease Costs of Evaluation Tools	0	0	0
Decrease Costs of Organizing Feedback	0	0	0
Decrease Costs of Analysis	0	0	0
Detailed Investigation is Needed	0	0	0
Decrease Costs of Database Analysis	0	0	0
Decrease	0	0	0

Costs of Implementing Communication Infrastructure			
Decrease Ongoing Cost of Communication	0	0	0
Virtual Discussions about the Issue	0	0	0
Meet for Discussion about the Issue	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0
Decrease Costs of Sharing Decisions	0	0	0
Decrease Costs of Informing Informally	0	0	0
Inform Formally by Mailing Groups	0	0	0
Decrease Training Costs	0	0	0
Decrease Costs of Collecting Feedback	0	0	0
Make Decision by Facilitators	0	0	0
Decrease Costs of Modifying Decisions	0	0	0

Increase Effectiveness of Taking Action	0	0	0
Decrease Costs of Take Action	0	0	0
Resources for Taking Action is Limited	0	0	0

Strategy Legend for Group "4 Apply Decision"

1:4.a Basic Adoption

2:4.b Comprehensive Adoption

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	39	39
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	34	34
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	90	90
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	100	100
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	100
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	100
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	100	100
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-22	-22
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	67	67
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	-100
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1.1 Collect Outcome Data"

1:1.1.a By Observation

2:1.1.b By Incident Reports

3:1.1.c By EHR

4:1.1.d By Two Staged

5:1.1.e By Administrative DB

	Strategy Evaluations				
	1	2	3	4	5
Healthcare Institute (A)	10	15	20	20	20
Data Collection Stakeholder (A)	27	41	55	55	55
Information Generation Stakeholder (A)	0	0	0	0	0
Adopt Decision Stakeholder (A)	0	0	0	0	0
Process Data Collection Stakeholder (A)	0	0	0	0	0
Outcome Data Collection Stakeholder (A)	50	75	100	100	100
DB Inspector (A)	0	0	0	0	0
EHR DB Stakeholder (A)	0	0	0	0	0

Outcome Review Stakeholder (A)	0	0	0	0	0
Categorizing Stakeholder (A)	0	0	0	0	0
Feedback Organizer (A)	0	0	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0	0	0
Outcome Data Analyzer (A)	0	0	0	0	0
Healthcare Expert Analyst (A)	0	0	0	0	0
Information Communication Stakeholder (A)	0	0	0	0	0
Decision Maker (A)	0	0	0	0	0

Share Decision Stakeholder (A)	0	0	0	0	0
Decision Communication Stakeholder (A)	0	0	0	0	0
Collect Feedback Stakeholder (A)	0	0	0	0	0
Take Action Stakeholder (A)	0	0	0	0	0
Increase Patient Safety	14	21	28	28	28
Collect Data	37	56	75	75	75
Generate Informative Outcome Information	0	0	0	0	0
Make Safety Decision	0	0	0	0	0
Adopt Decision	0	0	0	0	0
Analyze Outcome Data	0	0	0	0	0

Generate Expert Opinion	0	0	0	0	0
Collect Outcome Data	50	75	100	100	100
Collect Process Data	0	0	0	0	0
Collect Outcome Data by Observation	100	0	0	0	0
Collect Outcome Data based on Incident Reports	0	100	0	0	0
Collect Outcome Data based on EHR	0	0	100	0	0
Collect Outcome Data by two staged Chart Review	0	0	0	100	0
Collect Outcome Data based on Administrative Databases	0	0	0	0	100

Locate Important Data based on Guideline Manually	0	0	0	0	0
Collect Outcome Data Manually	0	0	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0	0	0
Evaluate Automatically _Suggested Data	0	0	0	0	0
Capture Data	0	0	0	0	0
Report Outcome by Physicians	0	0	0	0	0
Report Outcomes by Nurses	0	0	0	0	0

Report Outcomes by Patients	0	0	0	0	0
Report Outcomes by Employees	0	0	0	0	0
Report Outcomes Anonymously	0	0	0	0	0
Review by Responsible Incident Authority	0	0	0	0	0
Review by Physicians	0	0	0	0	0
Locate Potential Outcomes	0	0	0	0	0
Locate Potential Outcomes by Nurses	0	0	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0	0	0
Locate Outcomes in Billing DB by	0	0	0	0	0

Health Record Analysts					
Document Administrative Events	0	0	0	0	0
Document Events by Physicians	0	0	0	0	0
Document Events by Nurses	0	0	0	0	0
Choose Indicator Codes for Outcome	0	0	0	0	0
Compare Information in Billing DB with Defined Codes	0	0	0	0	0
Compare Codes and information in DB Manually	0	0	0	0	0
Suggest Potential Outcomes Automatically	0	0	0	0	0
Use Codes from International	0	0	0	0	0

Clasification Disease					
Use Codes from Canadian Institute for Health Information	0	0	0	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	0	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0	0	0	0
Document Medical Events	0	0	0	0	0
Document by Laboratory	0	0	0	0	0
Document by Pharmacy	0	0	0	0	0
Define Guideline for Detecting Outcome	0	0	0	0	0

Compare EHR Records with Guideline	0	0	0	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0	0	0
Access EHR DB	0	0	0	0	0
Set Privacy Rules	0	0	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0	0	0
Review Outcome Data	0	0	0	0	0
Investigate Details	0	0	0	0	0
Compare to	0	0	0	0	0

Rating Guideline					
Review Details	0	0	0	0	0
Rate Outcome Data	0	0	0	0	0
Suggest Conclusion Automatically	0	0	0	0	0
Conclude by Voting	0	0	0	0	0
Authorize Conclusion by Facilitator	0	0	0	0	0
Review in Committee Meeting	0	0	0	0	0
Review in Virtual Meetings	0	0	0	0	0
Share Data with Experts	0	0	0	0	0
Collect Feedback	0	0	0	0	0
Organize Feedback	0	0	0	0	0
Request Feedback	0	0	0	0	0
Evaluate	0	0	0	0	0

based on Peer Review					
Evaluate Feedabck Automatically	0	0	0	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0	0	0	0
Analyze Outcome Information by Healthcare Experts	0	0	0	0	0
Inform Decision Makers	0	0	0	0	0
Discuss the Issue by Decision Makers	0	0	0	0	0
Access Outcome Information	0	0	0	0	0
Draw Conclusion Automatically	0	0	0	0	0
Draw Conclusion Manually by Analysts	0	0	0	0	0

Decide about Issues by Decision Makers	0	0	0	0	0
Draw Conclusion by Experts	0	0	0	0	0
Make Decision by Voting Electronically	0	0	0	0	0
Make Decision by Voting in Meetings	0	0	0	0	0
Share Decision	0	0	0	0	0
Inform Formally	0	0	0	0	0
Inform Informally	0	0	0	0	0
Collect Feedback about Decision	0	0	0	0	0
Discussion in Online Forums	0	0	0	0	0
Informal Meeting	0	0	0	0	0

Inform by Question and Answers Database	0	0	0	0	0
Inform by Mailing Groups	0	0	0	0	0
Train Employees by Online Courses	0	0	0	0	0
Modify Decisions	0	0	0	0	0
Train Employees by Training Program	0	0	0	0	0
Update Rule Repository for Employees	0	0	0	0	0
Observe Execution	0	0	0	0	0
Collect Employees Feedback	0	0	0	0	0
Collect Experts Opinion	0	0	0	0	0
Inform Decision Makers about	0	0	0	0	0

Feedbacks					
Make Decision in Committees	0	0	0	0	0
Keep Database of Decisions Up To Date	0	0	0	0	0
Apply Decision	0	0	0	0	0
Collect Process Data by Observation	0	0	0	0	0
Collect Process Data based on Incident Reports	0	0	0	0	0
Collect Process Data based on EHR	0	0	0	0	0
Collect Process Data by two staged Chart Review	0	0	0	0	0
Collect Process Data based on Administrative Databases	0	0	0	0	0

Query DB	0	0	0	0	0
Communicate Traditionally	0	0	0	0	0
Communicate Electronically	0	0	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0	0	0
Take Action	0	0	0	0	0
Prioritize Outcome	0	0	0	0	0
Prevent Outcome	0	0	0	0	0
Healthcare Procedures Are Complicated	0	0	0	0	0
Minimize Costs of Infrastructure	0	0	0	0	0
Decrease Data Collection Complexity	-12	-18	-25	-25	-25
Medical procedures need to be investigated	0	0	0	0	0

Increase Care Quality in Long Term	9	14	18	18	18
Decrease Analysis Time	0	0	0	0	0
Comprehensive analysis is needed	0	0	0	0	0
Potential changes are complicated	0	0	0	0	0
Decrease Decision Making Time	0	0	0	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0	0	0
Decrease Adoption Costs	0	0	0	0	0
Increase Accuracy of Collected Outcome Data	0	0	50	75	25
Decrease Cost of	0	0	-25	-50	-25

Outcome Data Collection					
Increase Accuracy of Collected Process Data	0	0	0	0	0
Decrease Cost of Process Data Collection	0	0	0	0	0
Decrease Cost of Observation	0	0	0	0	0
Observation is Manual	0	0	0	0	0
Observation is Semi-Automatic	0	0	0	0	0
Decrease Costs of Incident Collection	0	0	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0	0	0
Decrease Cost of Locating Potential	0	0	0	0	0

Outcome					
Decrease Costs of Ongoing DB Inspection	0	0	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0	0	0
Costs of Documenting Administrative Events	0	0	0	0	0
Privacy Control is Must be Implemented	0	0	0	0	0
EHR DB Access Costs	0	0	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0	0	0
Decrease Costs of Documenting	0	0	0	0	0

for EHR					
Decrease Ongoing Cost of Review	0	0	0	0	0
Decrease Costs of Rating Outcome	0	0	0	0	0
Decrease Costs of Ongoing Evaluation	0	0	0	0	0
Decrease Costs of Evaluation Tools	0	0	0	0	0
Decrease Costs of Organizing Feedback	0	0	0	0	0
Decrease Costs of Analysis	0	0	0	0	0
Detailed Investigation is Needed	0	0	0	0	0
Decrease Costs of Database Analysis	0	0	0	0	0
Decrease	0	0	0	0	0

Costs of Implementing Communication Infrastructure					
Decrease Ongoing Cost of Communication	0	0	0	0	0
Virtual Discussions about the Issue	0	0	0	0	0
Meet for Discussion about the Issue	0	0	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0	0	0
Decrease Costs of Sharing Decisions	0	0	0	0	0
Decrease Costs of Informing Informally	0	0	0	0	0
Inform Formally by Mailing Groups	0	0	0	0	0
Decrease Training Costs	0	0	0	0	0
Decrease Costs of Collecting Feedback	0	0	0	0	0
Make Decision by Facilitators	0	0	0	0	0
Decrease Costs of Modifying Decisions	0	0	0	0	0

Increase Effectiveness of Taking Action	0	0	0	0	0
Decrease Costs of Take Action	0	0	0	0	0
Resources for Taking Action is Limited	0	0	0	0	0

Strategy Legend for Group "1.2 Collect Process Data"

- 1:1.2.b By Incident Report
- 2:1.2.c By EHR
- 3:1.2.a By Observation-Dup-Dup
- 4:1.2.d By Two Staged
- 5:1.2.e By Administrative DB

	Strategy Evaluations				
	1	2	3	4	5
Healthcare Institute (A)	15	20	10	20	20
Data Collection Stakeholder (A)	33	45	22	45	45
Information Generation Stakeholder (A)	0	0	0	0	0
Adopt Decision Stakeholder (A)	0	0	0	0	0
Process Data Collection Stakeholder (A)	0	0	0	0	0
Outcome Data Collection Stakeholder (A)	0	0	0	0	0
DB Inspector (A)	0	0	0	0	0
EHR DB Stakeholder (A)	0	0	0	0	0

Outcome Review Stakeholder (A)	0	0	0	0	0
Categorizing Stakeholder (A)	0	0	0	0	0
Feedback Organizer (A)	0	0	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0	0	0
Outcome Data Analyzer (A)	0	0	0	0	0
Healthcare Expert Analyst (A)	0	0	0	0	0
Information Communication Stakeholder (A)	0	0	0	0	0
Decision Maker (A)	0	0	0	0	0

Share Decision Stakeholder (A)	0	0	0	0	0
Decision Communication Stakeholder (A)	0	0	0	0	0
Collect Feedback Stakeholder (A)	0	0	0	0	0
Take Action Stakeholder (A)	0	0	0	0	0
Increase Patient Safety	21	28	14	28	28
Collect Data	56	75	37	75	75
Generate Informative Outcome Information	0	0	0	0	0
Make Safety Decision	0	0	0	0	0
Adopt Decision	0	0	0	0	0
Analyze Outcome Data	0	0	0	0	0

Generate Expert Opinion	0	0	0	0	0
Collect Outcome Data	0	0	0	0	0
Collect Process Data	75	100	50	100	100
Collect Outcome Data by Observation	0	0	0	0	0
Collect Outcome Data based on Incident Reports	0	0	0	0	0
Collect Outcome Data based on EHR	0	0	0	0	0
Collect Outcome Data by two staged Chart Review	0	0	0	0	0
Collect Outcome Data based on Administrative Databases	0	0	0	0	0

Locate Important Data based on Guideline Manually	0	0	0	0	0
Collect Outcome Data Manually	0	0	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0	0	0
Evaluate Automatically _Suggested Data	0	0	0	0	0
Capture Data	0	0	0	0	0
Report Outcome by Physicians	0	0	0	0	0
Report Outcomes by Nurses	0	0	0	0	0

Report Outcomes by Patients	0	0	0	0	0
Report Outcomes by Employees	0	0	0	0	0
Report Outcomes Anonymously	0	0	0	0	0
Review by Responsible Incident Authority	0	0	0	0	0
Review by Physicians	0	0	0	0	0
Locate Potential Outcomes	0	0	0	0	0
Locate Potential Outcomes by Nurses	0	0	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0	0	0
Locate Outcomes in Billing DB by	0	0	0	0	0

Health Record Analysts					
Document Administrative Events	0	0	0	0	0
Document Events by Physicians	0	0	0	0	0
Document Events by Nurses	0	0	0	0	0
Choose Indicator Codes for Outcome	0	0	0	0	0
Compare Information in Billing DB with Defined Codes	0	0	0	0	0
Compare Codes and information in DB Manually	0	0	0	0	0
Suggest Potential Outcomes Automatically	0	0	0	0	0
Use Codes from International	0	0	0	0	0

Clasification Disease					
Use Codes from Canadian Institute for Health Information	0	0	0	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	0	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0	0	0	0
Document Medical Events	0	0	0	0	0
Document by Laboratory	0	0	0	0	0
Document by Pharmacy	0	0	0	0	0
Define Guideline for Detecting Outcome	0	0	0	0	0

Compare EHR Records with Guideline	0	0	0	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0	0	0
Access EHR DB	0	0	0	0	0
Set Privacy Rules	0	0	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0	0	0
Review Outcome Data	0	0	0	0	0
Investigate Details	0	0	0	0	0
Compare to	0	0	0	0	0

Rating Guideline					
Review Details	0	0	0	0	0
Rate Outcome Data	0	0	0	0	0
Suggest Conclusion Automatically	0	0	0	0	0
Conclude by Voting	0	0	0	0	0
Authorize Conclusion by Facilitator	0	0	0	0	0
Review in Committee Meeting	0	0	0	0	0
Review in Virtual Meetings	0	0	0	0	0
Share Data with Experts	0	0	0	0	0
Collect Feedback	0	0	0	0	0
Organize Feedback	0	0	0	0	0
Request Feedback	0	0	0	0	0
Evaluate	0	0	0	0	0

based on Peer Review					
Evaluate Feedabck Automatically	0	0	0	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0	0	0	0
Analyze Outcome Information by Healthcare Experts	0	0	0	0	0
Inform Decision Makers	0	0	0	0	0
Discuss the Issue by Decision Makers	0	0	0	0	0
Access Outcome Information	0	0	0	0	0
Draw Conclusion Automatically	0	0	0	0	0
Draw Conclusion Manually by Analysts	0	0	0	0	0

Decide about Issues by Decision Makers	0	0	0	0	0
Draw Conclusion by Experts	0	0	0	0	0
Make Decision by Voting Electronically	0	0	0	0	0
Make Decision by Voting in Meetings	0	0	0	0	0
Share Decision	0	0	0	0	0
Inform Formally	0	0	0	0	0
Inform Informally	0	0	0	0	0
Collect Feedback about Decision	0	0	0	0	0
Discussion in Online Forums	0	0	0	0	0
Informal Meeting	0	0	0	0	0

Inform by Question and Answers Database	0	0	0	0	0
Inform by Mailing Groups	0	0	0	0	0
Train Employees by Online Courses	0	0	0	0	0
Modify Decisions	0	0	0	0	0
Train Employees by Training Program	0	0	0	0	0
Update Rule Repository for Employees	0	0	0	0	0
Observe Execution	0	0	0	0	0
Collect Employees Feedback	0	0	0	0	0
Collect Experts Opinion	0	0	0	0	0
Inform Decision Makers about	0	0	0	0	0

Feedbacks					
Make Decision in Committees	0	0	0	0	0
Keep Database of Decisions Up To Date	0	0	0	0	0
Apply Decision	0	0	0	0	0
Collect Process Data by Observation	0	0	100	0	0
Collect Process Data based on Incident Reports	100	0	0	0	0
Collect Process Data based on EHR	0	100	0	0	0
Collect Process Data by two staged Chart Review	0	0	0	100	0
Collect Process Data based on Administrative Databases	0	0	0	0	100

Query DB	0	0	0	0	0
Communicate Traditionally	0	0	0	0	0
Communicate Electronically	0	0	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0	0	0
Take Action	0	0	0	0	0
Prioritize Outcome	0	0	0	0	0
Prevent Outcome	0	0	0	0	0
Healthcare Procedures Are Complicated	0	0	0	0	0
Minimize Costs of Infrastructure	0	0	0	0	0
Decrease Data Collection Complexity	-56	-75	-37	-75	-75
Medical procedures need to be investigated	0	0	0	0	0

Increase Care Quality in Long Term	14	18	9	18	18
Decrease Analysis Time	0	0	0	0	0
Comprehensive analysis is needed	0	0	0	0	0
Potential changes are complicated	0	0	0	0	0
Decrease Decision Making Time	0	0	0	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0	0	0
Decrease Adoption Costs	0	0	0	0	0
Increase Accuracy of Collected Outcome Data	0	0	0	0	0
Decrease Cost of	0	0	0	0	0

Outcome Data Collection					
Increase Accuracy of Collected Process Data	0	50	0	75	25
Decrease Cost of Process Data Collection	0	-25	0	-50	-25
Decrease Cost of Observation	0	0	0	0	0
Observation is Manual	0	0	0	0	0
Observation is Semi-Automatic	0	0	0	0	0
Decrease Costs of Incident Collection	0	0	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0	0	0
Decrease Cost of Locating Potential	0	0	0	0	0

Outcome					
Decrease Costs of Ongoing DB Inspection	0	0	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0	0	0
Costs of Documenting Administrative Events	0	0	0	0	0
Privacy Control is Must be Implemented	0	0	0	0	0
EHR DB Access Costs	0	0	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0	0	0
Decrease Costs of Documenting	0	0	0	0	0

for EHR					
Decrease Ongoing Cost of Review	0	0	0	0	0
Decrease Costs of Rating Outcome	0	0	0	0	0
Decrease Costs of Ongoing Evaluation	0	0	0	0	0
Decrease Costs of Evaluation Tools	0	0	0	0	0
Decrease Costs of Organizing Feedback	0	0	0	0	0
Decrease Costs of Analysis	0	0	0	0	0
Detailed Investigation is Needed	0	0	0	0	0
Decrease Costs of Database Analysis	0	0	0	0	0
Decrease	0	0	0	0	0

Costs of Implementing Communication Infrastructure					
Decrease Ongoing Cost of Communication	0	0	0	0	0
Virtual Discussions about the Issue	0	0	0	0	0
Meet for Discussion about the Issue	0	0	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0	0	0
Decrease Costs of Sharing Decisions	0	0	0	0	0
Decrease Costs of Informing Informally	0	0	0	0	0
Inform Formally by Mailing Groups	0	0	0	0	0
Decrease Training Costs	0	0	0	0	0
Decrease Costs of Collecting Feedback	0	0	0	0	0
Make Decision by Facilitators	0	0	0	0	0
Decrease Costs of Modifying Decisions	0	0	0	0	0

Increase Effectiveness of Taking Action	0	0	0	0	0
Decrease Costs of Take Action	0	0	0	0	0
Resources for Taking Action is Limited	0	0	0	0	0

Strategy Legend for Group "1.1.1 Collect Outcome Data by Observation"

1:1.1.1.a Manual Observation

2:1.1.1.b Semi-Automatic Observation

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	0	0
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	0	0
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	100	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	100
Evaluate Automatically _Suggested Data	0	100
Capture Data	100	100
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	0	0
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1.1.2 Collect Outcome By Incident Reporting"

1:1.1.2.a Only Healthcare Providers

2:1.1.2.b Complete Incident Reporting Collect Outcome By Incident Reporting

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	14	14
Data Collection Stakeholder (A)	36	36
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	67	67
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	19	19
Collect Data	50	50
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	67	67
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	90	90
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	100	100
Report Outcomes by Nurses	100	100

Report Outcomes by Patients	0	100
Report Outcomes by Employees	0	100
Report Outcomes Anonymously	0	100
Review by Responsible Incident Authority	100	100
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	-16	-16
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	12	12
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	-75
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1.1.3 Collect Outcome Data Two Staged"

1:1.1.3.a Nurses

2:1.1.3.b Analysts

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	18	15
Data Collection Stakeholder (A)	49	41
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	90	75
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	25	21
Collect Data	67	56
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	90	75
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	90	75
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	100	100
Locate Potential Outcomes	100	50
Locate Potential Outcomes by Nurses	100	0
Locate Potential Outcomes by Health Record Analysts	0	100
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	-22	-18
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	16	14
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	67	56
Decrease Cost of	-45	-37

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	-50	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1.1.4 Collect Outcome Data By EHR"

1:1.1.4.a Collecting Outcome Data Documented by Physicians

2:1.1.4.b Collecting Outcome Data Documented by Nurses

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	14	14
Data Collection Stakeholder (A)	39	39
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	73	73
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	20	20
Collect Data	54	54
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	73	73
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	73	73

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	90	90

Health Record Analysts		
Document Administrative Events	25	25
Document Events by Physicians	100	0
Document Events by Nurses	0	100
Choose Indicator Codes for Outcome	100	100
Compare Information in Billing DB with Defined Codes	100	100
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	-18	-18
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	13	13
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	18	18
Decrease Cost of	-18	-18

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	-75	-50
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1.1.5 Collect Outcome Data By Administrative DB"

1:1.1.5.a Lab

2:1.1.5.b Pharmacy

3:1.1.5.c Complete Documentation

	Strategy Evaluations		
	1	2	3
Healthcare Institute (A)	17	17	18
Data Collection Stakeholder (A)	44	44	49
Information Generation Stakeholder (A)	0	0	0
Adopt Decision Stakeholder (A)	0	0	0
Process Data Collection Stakeholder (A)	0	0	0
Outcome Data Collection Stakeholder (A)	82	82	90
DB Inspector (A)	0	0	0
EHR DB Stakeholder (A)	0	0	0

Outcome Review Stakeholder (A)	0	0	0
Categorizing Stakeholder (A)	0	0	0
Feedback Organizer (A)	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0
Outcome Data Analyzer (A)	0	0	0
Healthcare Expert Analyst (A)	0	0	0
Information Communication Stakeholder (A)	0	0	0
Decision Maker (A)	0	0	0

Share Decision Stakeholder (A)	0	0	0
Decision Communication Stakeholder (A)	0	0	0
Collect Feedback Stakeholder (A)	0	0	0
Take Action Stakeholder (A)	0	0	0
Increase Patient Safety	23	23	25
Collect Data	61	61	67
Generate Informative Outcome Information	0	0	0
Make Safety Decision	0	0	0
Adopt Decision	0	0	0
Analyze Outcome Data	0	0	0

Generate Expert Opinion	0	0	0
Collect Outcome Data	82	82	90
Collect Process Data	0	0	0
Collect Outcome Data by Observation	0	0	0
Collect Outcome Data based on Incident Reports	0	0	0
Collect Outcome Data based on EHR	82	82	90
Collect Outcome Data by two staged Chart Review	0	0	0
Collect Outcome Data based on Administrative Databases	0	0	0

Locate Important Data based on Guideline Manually	0	0	0
Collect Outcome Data Manually	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0
Evaluate Automatically _Suggested Data	0	0	0
Capture Data	0	0	0
Report Outcome by Physicians	0	0	0
Report Outcomes by Nurses	0	0	0

Report Outcomes by Patients	0	0	0
Report Outcomes by Employees	0	0	0
Report Outcomes Anonymously	0	0	0
Review by Responsible Incident Authority	0	0	0
Review by Physicians	0	0	0
Locate Potential Outcomes	0	0	0
Locate Potential Outcomes by Nurses	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0
Locate Outcomes in Billing DB by	0	0	0

Health Record Analysts			
Document Administrative Events	0	0	0
Document Events by Physicians	0	0	0
Document Events by Nurses	0	0	0
Choose Indicator Codes for Outcome	0	0	0
Compare Information in Billing DB with Defined Codes	0	0	0
Compare Codes and information in DB Manually	0	0	0
Suggest Potential Outcomes Automatically	0	0	0
Use Codes from International	0	0	0

Clasification Disease			
Use Codes from Canadian Institute for Health Information	0	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	0
Locate Outcome in EHR DB by Health Record Analysts	90	90	90
Document Medical Events	75	75	90
Document by Laboratory	100	0	100
Document by Pharmacy	0	100	100
Define Guideline for Detecting Outcome	100	100	100

Compare EHR Records with Guideline	100	100	100
Detect Outcomes in DB by Comparing them Automatically	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0
Access EHR DB	100	100	100
Set Privacy Rules	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0
Review Outcome Data	0	0	0
Investigate Details	0	0	0
Compare to	0	0	0

Rating Guideline			
Review Details	0	0	0
Rate Outcome Data	0	0	0
Suggest Conclusion Automatically	0	0	0
Conclude by Voting	0	0	0
Authorize Conclusion by Facilitator	0	0	0
Review in Committee Meeting	0	0	0
Review in Virtual Meetings	0	0	0
Share Data with Experts	0	0	0
Collect Feedback	0	0	0
Organize Feedback	0	0	0
Request Feedback	0	0	0
Evaluate	0	0	0

based on Peer Review			
Evaluate Feedabck Automatically	0	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0	0
Analyze Outcome Information by Healthcare Experts	0	0	0
Inform Decision Makers	0	0	0
Discuss the Issue by Decision Makers	0	0	0
Access Outcome Information	0	0	0
Draw Conclusion Automatically	0	0	0
Draw Conclusion Manually by Analysts	0	0	0

Decide about Issues by Decision Makers	0	0	0
Draw Conclusion by Experts	0	0	0
Make Decision by Voting Electronically	0	0	0
Make Decision by Voting in Meetings	0	0	0
Share Decision	0	0	0
Inform Formally	0	0	0
Inform Informally	0	0	0
Collect Feedback about Decision	0	0	0
Discussion in Online Forums	0	0	0
Informal Meeting	0	0	0

Inform by Question and Answers Database	0	0	0
Inform by Mailing Groups	0	0	0
Train Employees by Online Courses	0	0	0
Modify Decisions	0	0	0
Train Employees by Training Program	0	0	0
Update Rule Repository for Employees	0	0	0
Observe Execution	0	0	0
Collect Employees Feedback	0	0	0
Collect Experts Opinion	0	0	0
Inform Decision Makers about	0	0	0

Feedbacks			
Make Decision in Committees	0	0	0
Keep Database of Decisions Up To Date	0	0	0
Apply Decision	0	0	0
Collect Process Data by Observation	0	0	0
Collect Process Data based on Incident Reports	0	0	0
Collect Process Data based on EHR	0	0	0
Collect Process Data by two staged Chart Review	0	0	0
Collect Process Data based on Administrative Databases	0	0	0

Query DB	0	0	0
Communicate Traditionally	0	0	0
Communicate Electronically	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0
Take Action	0	0	0
Prioritize Outcome	0	0	0
Prevent Outcome	0	0	0
Healthcare Procedures Are Complicated	0	0	0
Minimize Costs of Infrastructure	0	0	0
Decrease Data Collection Complexity	-20	-20	-22
Medical procedures need to be investigated	0	0	0

Increase Care Quality in Long Term	15	15	16
Decrease Analysis Time	0	0	0
Comprehensive analysis is needed	0	0	0
Potential changes are complicated	0	0	0
Decrease Decision Making Time	0	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0
Decrease Adoption Costs	0	0	0
Increase Accuracy of Collected Outcome Data	41	41	45
Decrease Cost of	-20	-20	-22

Outcome Data Collection			
Increase Accuracy of Collected Process Data	0	0	0
Decrease Cost of Process Data Collection	0	0	0
Decrease Cost of Observation	0	0	0
Observation is Manual	0	0	0
Observation is Semi-Automatic	0	0	0
Decrease Costs of Incident Collection	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0
Decrease Cost of Locating Potential	0	0	0

Outcome			
Decrease Costs of Ongoing DB Inspection	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0
Costs of Documenting Administrative Events	0	0	0
Privacy Control is Must be Implemented	0	0	0
EHR DB Access Costs	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0
Decrease Costs of Documenting	-25	-25	-50

for EHR			
Decrease Ongoing Cost of Review	0	0	0
Decrease Costs of Rating Outcome	0	0	0
Decrease Costs of Ongoing Evaluation	0	0	0
Decrease Costs of Evaluation Tools	0	0	0
Decrease Costs of Orgnizing Feedback	0	0	0
Decrease Costs of Analysis	0	0	0
Detailed Investigation is Needed	0	0	0
Decrease Costs of Database Analysis	0	0	0
Decrease	0	0	0

Costs of Implementing Communication Infrastructure			
Decrease Ongoing Cost of Communication	0	0	0
Virtual Discussions about the Issue	0	0	0
Meet for Discussion about the Issue	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0
Decrease Costs of Sharing Decisions	0	0	0
Decrease Costs of Informing Informally	0	0	0
Inform Formally by Mailing Groups	0	0	0
Decrease Training Costs	0	0	0
Decrease Costs of Collecting Feedback	0	0	0
Make Decision by Facilitators	0	0	0
Decrease Costs of Modifying Decisions	0	0	0

Increase Effectiveness of Taking Action	0	0	0
Decrease Costs of Take Action	0	0	0
Resources for Taking Action is Limited	0	0	0

Strategy Legend for Group "1.1.4.1 Choose Indicator Codes"

1:1.1.4.1.a International

2:1.1.4.1.c Canadian

3:1.1.4.1.b American

	Strategy Evaluations		
	1	2	3
Healthcare Institute (A)	3	3	3
Data Collection Stakeholder (A)	9	9	9
Information Generation Stakeholder (A)	0	0	0
Adopt Decision Stakeholder (A)	0	0	0
Process Data Collection Stakeholder (A)	0	0	0
Outcome Data Collection Stakeholder (A)	18	18	18
DB Inspector (A)	0	0	0
EHR DB Stakeholder (A)	0	0	0

Outcome Review Stakeholder (A)	0	0	0
Categorizing Stakeholder (A)	0	0	0
Feedback Organizer (A)	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0
Outcome Data Analyzer (A)	0	0	0
Healthcare Expert Analyst (A)	0	0	0
Information Communication Stakeholder (A)	0	0	0
Decision Maker (A)	0	0	0

Share Decision Stakeholder (A)	0	0	0
Decision Communication Stakeholder (A)	0	0	0
Collect Feedback Stakeholder (A)	0	0	0
Take Action Stakeholder (A)	0	0	0
Increase Patient Safety	4	4	4
Collect Data	13	13	13
Generate Informative Outcome Information	0	0	0
Make Safety Decision	0	0	0
Adopt Decision	0	0	0
Analyze Outcome Data	0	0	0

Generate Expert Opinion	0	0	0
Collect Outcome Data	18	18	18
Collect Process Data	0	0	0
Collect Outcome Data by Observation	0	0	0
Collect Outcome Data based on Incident Reports	0	0	0
Collect Outcome Data based on EHR	0	0	0
Collect Outcome Data by two staged Chart Review	0	0	0
Collect Outcome Data based on Administrative Databases	18	18	18

Locate Important Data based on Guideline Manually	0	0	0
Collect Outcome Data Manually	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0
Evaluate Automatically _Suggested Data	0	0	0
Capture Data	0	0	0
Report Outcome by Physicians	0	0	0
Report Outcomes by Nurses	0	0	0

Report Outcomes by Patients	0	0	0
Report Outcomes by Employees	0	0	0
Report Outcomes Anonymously	0	0	0
Review by Responsible Incident Authority	0	0	0
Review by Physicians	0	0	0
Locate Potential Outcomes	0	0	0
Locate Potential Outcomes by Nurses	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0
Locate Outcomes in Billing DB by	25	25	25

Health Record Analysts			
Document Administrative Events	0	0	0
Document Events by Physicians	0	0	0
Document Events by Nurses	0	0	0
Choose Indicator Codes for Outcome	100	100	100
Compare Information in Billing DB with Defined Codes	0	0	0
Compare Codes and information in DB Manually	0	0	0
Suggest Potential Outcomes Automatically	0	0	0
Use Codes from International	100	0	0

Clasification Disease			
Use Codes from Canadian Institute for Health Information	0	100	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	100
Locate Outcome in EHR DB by Health Record Analysts	0	0	0
Document Medical Events	0	0	0
Document by Laboratory	0	0	0
Document by Pharmacy	0	0	0
Define Guideline for Detecting Outcome	0	0	0

Compare EHR Records with Guideline	0	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0
Access EHR DB	0	0	0
Set Privacy Rules	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0
Review Outcome Data	0	0	0
Investigate Details	0	0	0
Compare to	0	0	0

Rating Guideline			
Review Details	0	0	0
Rate Outcome Data	0	0	0
Suggest Conclusion Automatically	0	0	0
Conclude by Voting	0	0	0
Authorize Conclusion by Facilitator	0	0	0
Review in Committee Meeting	0	0	0
Review in Virtual Meetings	0	0	0
Share Data with Experts	0	0	0
Collect Feedback	0	0	0
Organize Feedback	0	0	0
Request Feedback	0	0	0
Evaluate	0	0	0

based on Peer Review			
Evaluate Feedabck Automatically	0	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0	0
Analyze Outcome Information by Healthcare Experts	0	0	0
Inform Decision Makers	0	0	0
Discuss the Issue by Decision Makers	0	0	0
Access Outcome Information	0	0	0
Draw Conclusion Automatically	0	0	0
Draw Conclusion Manually by Analysts	0	0	0

Decide about Issues by Decision Makers	0	0	0
Draw Conclusion by Experts	0	0	0
Make Decision by Voting Electronically	0	0	0
Make Decision by Voting in Meetings	0	0	0
Share Decision	0	0	0
Inform Formally	0	0	0
Inform Informally	0	0	0
Collect Feedback about Decision	0	0	0
Discussion in Online Forums	0	0	0
Informal Meeting	0	0	0

Inform by Question and Answers Database	0	0	0
Inform by Mailing Groups	0	0	0
Train Employees by Online Courses	0	0	0
Modify Decisions	0	0	0
Train Employees by Training Program	0	0	0
Update Rule Repository for Employees	0	0	0
Observe Execution	0	0	0
Collect Employees Feedback	0	0	0
Collect Experts Opinion	0	0	0
Inform Decision Makers about	0	0	0

Feedbacks			
Make Decision in Committees	0	0	0
Keep Database of Decisions Up To Date	0	0	0
Apply Decision	0	0	0
Collect Process Data by Observation	0	0	0
Collect Process Data based on Incident Reports	0	0	0
Collect Process Data based on EHR	0	0	0
Collect Process Data by two staged Chart Review	0	0	0
Collect Process Data based on Administrative Databases	0	0	0

Query DB	0	0	0
Communicate Traditionally	0	0	0
Communicate Electronically	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0
Take Action	0	0	0
Prioritize Outcome	0	0	0
Prevent Outcome	0	0	0
Healthcare Procedures Are Complicated	0	0	0
Minimize Costs of Infrastructure	0	0	0
Decrease Data Collection Complexity	-4	-4	-4
Medical procedures need to be investigated	0	0	0

Increase Care Quality in Long Term	3	3	3
Decrease Analysis Time	0	0	0
Comprehensive analysis is needed	0	0	0
Potential changes are complicated	0	0	0
Decrease Decision Making Time	0	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0
Decrease Adoption Costs	0	0	0
Increase Accuracy of Collected Outcome Data	4	4	4
Decrease Cost of	-4	-4	-4

Outcome Data Collection			
Increase Accuracy of Collected Process Data	0	0	0
Decrease Cost of Process Data Collection	0	0	0
Decrease Cost of Observation	0	0	0
Observation is Manual	0	0	0
Observation is Semi-Automatic	0	0	0
Decrease Costs of Incident Collection	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0
Decrease Cost of Locating Potential	0	0	0

Outcome			
Decrease Costs of Ongoing DB Inspection	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0
Costs of Documenting Administrative Events	0	0	0
Privacy Control is Must be Implemented	0	0	0
EHR DB Access Costs	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0
Decrease Costs of Documenting	0	0	0

for EHR			
Decrease Ongoing Cost of Review	0	0	0
Decrease Costs of Rating Outcome	0	0	0
Decrease Costs of Ongoing Evaluation	0	0	0
Decrease Costs of Evaluation Tools	0	0	0
Decrease Costs of Orgnizing Feedback	0	0	0
Decrease Costs of Analysis	0	0	0
Detailed Investigation is Needed	0	0	0
Decrease Costs of Database Analysis	0	0	0
Decrease	0	0	0

Costs of Implementing Communication Infrastructure			
Decrease Ongoing Cost of Communication	0	0	0
Virtual Discussions about the Issue	0	0	0
Meet for Discussion about the Issue	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0
Decrease Costs of Sharing Decisions	0	0	0
Decrease Costs of Informing Informally	0	0	0
Inform Formally by Mailing Groups	0	0	0
Decrease Training Costs	0	0	0
Decrease Costs of Collecting Feedback	0	0	0
Make Decision by Facilitators	0	0	0
Decrease Costs of Modifying Decisions	0	0	0

Increase Effectiveness of Taking Action	0	0	0
Decrease Costs of Take Action	0	0	0
Resources for Taking Action is Limited	0	0	0

Strategy Legend for Group "1.1.4.2 Compare Codes in Billing DB"

1:1.1.4.2.a Automatic

2:1.1.4.2.b Manually

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	11	8
Data Collection Stakeholder (A)	30	22
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	56	42
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	15	11
Collect Data	42	31
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	56	42
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	56	42

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	75	56

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	100	75
Compare Codes and information in DB Manually	0	100
Suggest Potential Outcomes Automatically	100	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	-14	-10
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	10	7
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	14	10
Decrease Cost of	-14	-10

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	-50
Decrease Costs of DB Tool Implementation	-50	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1.1.5.1 Access EHR DB"

1:1.1.5.1.a Simple Access

2:1.1.5.1.b Access with Privacy

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	3	3
Data Collection Stakeholder (A)	8	8
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	16	16
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	4	4
Collect Data	12	12
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	16	16
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	16	16
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	33	33
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	100	100
Set Privacy Rules	0	100
Evaluate Compliance with Privacy Rules	0	100
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	100	100
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	-4	-4
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	3	3
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	8	8
Decrease Cost of	-4	-4

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	-50
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "1.1.5.2 Compare EHR Records"

1:1.1.5.2.a Compare EHR Records Manually

2:1.1.5.2.b Compare EHR Records Automatically

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	2	3
Data Collection Stakeholder (A)	6	8
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	12	16
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	3	4
Collect Data	9	12
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	12	16
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	12	16
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	24	33
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	75	100
Detect Outcomes in DB by Comparing them Automatically	0	100
Suggest Outcome by Comparing information in DB with Guideline Manually	100	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	-3	-4
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	2	3
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	6	8
Decrease Cost of	-3	-4

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	-75
Decrease Costs of Ongoing EHR DB Inspection	-50	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "2.1 Analyze Outcome"

1:2.1.a Simple Analysis

2:2.1.b Complete Analysis

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	12	12
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	31	31
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	16	16
Collect Data	0	0
Generate Informative Outcome Information	45	45
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	90	90

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	100	100
Investigate Details	0	100
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	100	100
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	11	11
Decrease Analysis Time	-22	-22
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementati on	0	0
Costs of Documenting Administrativ e Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementati on	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Orgnizing Feedback	0	0
Decrease Costs of Analysis	0	-50
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "2.1.1 Review Outcome"

1:2.1.1.a Virtual Meetings

2:2.1.1.b Committee

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	2	3
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	6	8
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	3	4
Collect Data	0	0
Generate Informative Outcome Information	9	12
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	18	25

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	75	100
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	100
Review in Virtual Meetings	100	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	2	3
Decrease Analysis Time	-4	-6
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	-25
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "2.1.2 Rating Outcome"

1:2.1.2.a Ad hoc Rating

2:2.1.2.b Guideline Rating of Outcome Data

3:2.1.2.c Complete Rating

	Strategy Evaluations		
	1	2	3
Healthcare Institute (A)	9	8	12
Data Collection Stakeholder (A)	0	0	0
Information Generation Stakeholder (A)	15	21	23
Adopt Decision Stakeholder (A)	0	0	0
Process Data Collection Stakeholder (A)	0	0	0
Outcome Data Collection Stakeholder (A)	0	0	0
DB Inspector (A)	0	0	0
EHR DB Stakeholder (A)	0	0	0

Outcome Review Stakeholder (A)	0	0	0
Categorizing Stakeholder (A)	0	0	0
Feedback Organizer (A)	0	0	0
Generating Expert Opinion Stakeholder (A)	0	0	0
Outcome Data Analysis Stakeholder (A)	0	0	0
Outcome Data Analyzer (A)	0	0	0
Healthcare Expert Analyst (A)	0	0	0
Information Communication Stakeholder (A)	0	0	0
Decision Maker (A)	6	0	6

Share Decision Stakeholder (A)	0	0	0
Decision Communication Stakeholder (A)	0	0	0
Collect Feedback Stakeholder (A)	0	0	0
Take Action Stakeholder (A)	0	0	0
Increase Patient Safety	11	11	15
Collect Data	0	0	0
Generate Informative Outcome Information	22	30	33
Make Safety Decision	10	0	10
Adopt Decision	0	0	0
Analyze Outcome Data	45	60	67

Generate Expert Opinion	0	0	0
Collect Outcome Data	0	0	0
Collect Process Data	0	0	0
Collect Outcome Data by Observation	0	0	0
Collect Outcome Data based on Incident Reports	0	0	0
Collect Outcome Data based on EHR	0	0	0
Collect Outcome Data by two staged Chart Review	0	0	0
Collect Outcome Data based on Administrative Databases	0	0	0

Locate Important Data based on Guideline Manually	0	0	0
Collect Outcome Data Manually	0	0	0
Collect Outcome Data Semi_Automatically	0	0	0
Suggest Important Data based on rule database Automatically	0	0	0
Evaluate Automatically _Suggested Data	0	0	0
Capture Data	0	0	0
Report Outcome by Physicians	0	0	0
Report Outcomes by Nurses	0	0	0

Report Outcomes by Patients	0	0	0
Report Outcomes by Employees	0	0	0
Report Outcomes Anonymously	0	0	0
Review by Responsible Incident Authority	0	0	0
Review by Physicians	0	0	0
Locate Potential Outcomes	0	0	0
Locate Potential Outcomes by Nurses	0	0	0
Locate Potential Outcomes by Health Record Analysts	0	0	0
Locate Outcomes in Billing DB by	0	0	0

Health Record Analysts			
Document Administrative Events	0	0	0
Document Events by Physicians	0	0	0
Document Events by Nurses	0	0	0
Choose Indicator Codes for Outcome	0	0	0
Compare Information in Billing DB with Defined Codes	0	0	0
Compare Codes and information in DB Manually	0	0	0
Suggest Potential Outcomes Automatically	0	0	0
Use Codes from International	0	0	0

Clasification Disease			
Use Codes from Canadian Institute for Health Information	0	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0	0
Document Medical Events	0	0	0
Document by Laboratory	0	0	0
Document by Pharmacy	0	0	0
Define Guideline for Detecting Outcome	0	0	0

Compare EHR Records with Guideline	0	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0	0
Access EHR DB	0	0	0
Set Privacy Rules	0	0	0
Evaluate Compliance with Privacy Rules	0	0	0
Review Outcome Data	0	0	0
Investigate Details	0	0	0
Compare to	0	100	100

Rating Guideline			
Review Details	100	0	100
Rate Outcome Data	60	80	90
Suggest Conclusion Automatically	0	100	100
Conclude by Voting	100	100	100
Authorize Conclusion by Facilitator	100	100	100
Review in Committee Meeting	0	0	0
Review in Virtual Meetings	0	0	0
Share Data with Experts	0	0	0
Collect Feedback	0	0	0
Organize Feedback	0	0	0
Request Feedback	0	0	0
Evaluate	0	0	0

based on Peer Review			
Evaluate Feedabck Automatically	0	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0	0
Analyze Outcome Information by Healthcare Experts	0	0	0
Inform Decision Makers	0	0	0
Discuss the Issue by Decision Makers	0	0	0
Access Outcome Information	0	0	0
Draw Conclusion Automatically	0	0	0
Draw Conclusion Manually by Analysts	0	0	0

Decide about Issues by Decision Makers	33	0	33
Draw Conclusion by Experts	0	0	0
Make Decision by Voting Electronically	0	0	0
Make Decision by Voting in Meetings	0	0	0
Share Decision	0	0	0
Inform Formally	0	0	0
Inform Informally	0	0	0
Collect Feedback about Decision	0	0	0
Discussion in Online Forums	0	0	0
Informal Meeting	0	0	0

Inform by Question and Answers Database	0	0	0
Inform by Mailing Groups	0	0	0
Train Employees by Online Courses	0	0	0
Modify Decisions	0	0	0
Train Employees by Training Program	0	0	0
Update Rule Repository for Employees	0	0	0
Observe Execution	0	0	0
Collect Employees Feedback	0	0	0
Collect Experts Opinion	0	0	0
Inform Decision Makers about	0	0	0

Feedbacks			
Make Decision in Committees	0	0	0
Keep Database of Decisions Up To Date	0	0	0
Apply Decision	0	0	0
Collect Process Data by Observation	0	0	0
Collect Process Data based on Incident Reports	0	0	0
Collect Process Data based on EHR	0	0	0
Collect Process Data by two staged Chart Review	0	0	0
Collect Process Data based on Administrative Databases	0	0	0

Query DB	0	0	0
Communicate Traditionally	0	0	0
Communicate Electronically	0	0	0
Finalize Decision by Higher Level Decision Maker	0	0	0
Take Action	0	0	0
Prioritize Outcome	0	0	0
Prevent Outcome	0	0	0
Healthcare Procedures Are Complicated	0	0	0
Minimize Costs of Infrastructure	-2	0	-2
Decrease Data Collection Complexity	0	0	0
Medical procedures need to be investigated	0	0	0

Increase Care Quality in Long Term	12	7	15
Decrease Analysis Time	-11	-15	-16
Comprehensive analysis is needed	0	0	0
Potential changes are complicated	0	0	0
Decrease Decision Making Time	0	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0	0
Decrease Adoption Costs	0	0	0
Increase Accuracy of Collected Outcome Data	0	0	0
Decrease Cost of	0	0	0

Outcome Data Collection			
Increase Accuracy of Collected Process Data	0	0	0
Decrease Cost of Process Data Collection	0	0	0
Decrease Cost of Observation	0	0	0
Observation is Manual	0	0	0
Observation is Semi-Automatic	0	0	0
Decrease Costs of Incident Collection	0	0	0
Non_Healthc are provider must be able to report incidents	0	0	0
Decrease Cost of Locating Potential	0	0	0

Outcome			
Decrease Costs of Ongoing DB Inspection	0	0	0
Decrease Costs of DB Tool Implementation	0	0	0
Costs of Documenting Administrative Events	0	0	0
Privacy Control is Must be Implemented	0	0	0
EHR DB Access Costs	0	0	0
Decrease Costs of EHR DB Tool Implementation	0	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0	0
Decrease Costs of Documenting	0	0	0

for EHR			
Decrease Ongoing Cost of Review	0	0	0
Decrease Costs of Rating Outcome	-25	-25	-50
Decrease Costs of Ongoing Evaluation	0	0	0
Decrease Costs of Evaluation Tools	0	0	0
Decrease Costs of Orgnizing Feedback	0	0	0
Decrease Costs of Analysis	0	0	0
Detailed Investigation is Needed	0	0	0
Decrease Costs of Database Analysis	0	0	0
Decrease	0	0	0

Costs of Implementing Communication Infrastructure			
Decrease Ongoing Cost of Communication	0	0	0
Virtual Discussions about the Issue	0	0	0
Meet for Discussion about the Issue	0	0	0
Decrease Ongoing Costs of Decision Making	0	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0	0
Decrease Costs of Ongoing Decision Making	0	0	0

Decrease Costs of Implementing Decision Making Tools	0	0	0
Decrease Costs of Sharing Decisions	0	0	0
Decrease Costs of Informing Informally	0	0	0
Inform Formally by Mailing Groups	0	0	0
Decrease Training Costs	0	0	0
Decrease Costs of Collecting Feedback	0	0	0
Make Decision by Facilitators	0	0	0
Decrease Costs of Modifying Decisions	0	0	0

Increase Effectiveness of Taking Action	0	0	0
Decrease Costs of Take Action	0	0	0
Resources for Taking Action is Limited	0	0	0

Strategy Legend for Group "2.2 Generate Expert Opinion"

1:2.2.a Complete

2:2.2.b Without Organizing Feedback

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	18	15
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	40	33
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	24	20
Collect Data	0	0
Generate Informative Outcome Information	67	56
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	90	75
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	100	100
Collect Feedback	100	100
Organize Feedback	100	0
Request Feedback	100	100
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	16	14
Decrease Analysis Time	-67	-56
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Orgnizing Feedback	-25	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "2.2.1 Organizing Feedback"

1:2.2.1.a Experts

2:2.2.1.b Automatic

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	4	3
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	10	7
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	6	4
Collect Data	0	0
Generate Informative Outcome Information	18	13
Make Safety Decision	0	0
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	25	18
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	100	75
Request Feedback	0	0
Evaluate	100	0

based on Peer Review		
Evaluate Feedabck Automatically	0	100
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	0	0
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	4	3
Decrease Analysis Time	-18	-13
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	-50	0
Decrease Costs of Evaluation Tools	0	-25
Decrease Costs of Organizing Feedback	-25	-18
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "3.1 Analyze Outcome Database"

1:3.1.a Simple Analysis

2:3.1.b Complete Analysis

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	10	12
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	11	12

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	9	11
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	26	30
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	75	90
Analyze Outcome Information by Healthcare Experts	25	25
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	100	100
Draw Conclusion Automatically	0	100
Draw Conclusion Manually by Analysts	100	100

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-6	-7
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	19	22
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	-18	-22
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	-25	-50
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "3.2 Analysis of Outcome Information"

1:3.2.a Expert Analysis

	Strategy Evaluations
	1
Healthcare Institute (A)	14
Data Collection Stakeholder (A)	0
Information Generation Stakeholder (A)	0
Adopt Decision Stakeholder (A)	0
Process Data Collection Stakeholder (A)	0
Outcome Data Collection Stakeholder (A)	0
DB Inspector (A)	0
EHR DB Stakeholder (A)	0

Outcome Review Stakeholder (A)	0
Categorizing Stakeholder (A)	0
Feedback Organizer (A)	0
Generating Expert Opinion Stakeholder (A)	0
Outcome Data Analysis Stakeholder (A)	0
Outcome Data Analyzer (A)	0
Healthcare Expert Analyst (A)	0
Information Communication Stakeholder (A)	0
Decision Maker (A)	21

Share Decision Stakeholder (A)	0
Decision Communication Stakeholder (A)	0
Collect Feedback Stakeholder (A)	0
Take Action Stakeholder (A)	0
Increase Patient Safety	12
Collect Data	0
Generate Informative Outcome Information	0
Make Safety Decision	35
Adopt Decision	0
Analyze Outcome Data	0

Generate Expert Opinion	0
Collect Outcome Data	0
Collect Process Data	0
Collect Outcome Data by Observation	0
Collect Outcome Data based on Incident Reports	0
Collect Outcome Data based on EHR	0
Collect Outcome Data by two staged Chart Review	0
Collect Outcome Data based on Administrative Databases	0

Locate Important Data based on Guideline Manually	0
Collect Outcome Data Manually	0
Collect Outcome Data Semi_Automatically	0
Suggest Important Data based on rule database Automatically	0
Evaluate Automatically _Suggested Data	0
Capture Data	0
Report Outcome by Physicians	0
Report Outcomes by Nurses	0

Report Outcomes by Patients	0
Report Outcomes by Employees	0
Report Outcomes Anonymously	0
Review by Responsible Incident Authority	0
Review by Physicians	0
Locate Potential Outcomes	0
Locate Potential Outcomes by Nurses	0
Locate Potential Outcomes by Health Record Analysts	0
Locate Outcomes in Billing DB by	0

Health Record Analysts	
Document Administrative Events	0
Document Events by Physicians	0
Document Events by Nurses	0
Choose Indicator Codes for Outcome	0
Compare Information in Billing DB with Defined Codes	0
Compare Codes and information in DB Manually	0
Suggest Potential Outcomes Automatically	0
Use Codes from International	0

Clasification Disease	
Use Codes from Canadian Institute for Health Information	0
Use Codes from American Agency for Healthcare Research and Quality	0
Locate Outcome in EHR DB by Health Record Analysts	0
Document Medical Events	0
Document by Laboratory	0
Document by Pharmacy	0
Define Guideline for Detecting Outcome	0

Compare EHR Records with Guideline	0
Detect Outcomes in DB by Comparing them Automatically	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0
Access EHR DB	0
Set Privacy Rules	0
Evaluate Compliance with Privacy Rules	0
Review Outcome Data	0
Investigate Details	0
Compare to	0

Rating Guideline	
Review Details	0
Rate Outcome Data	0
Suggest Conclusion Automatically	0
Conclude by Voting	0
Authorize Conclusion by Facilitator	0
Review in Committee Meeting	0
Review in Virtual Meetings	0
Share Data with Experts	0
Collect Feedback	0
Organize Feedback	0
Request Feedback	0
Evaluate	0

based on Peer Review	
Evaluate Feedabck Automatically	0
Analyze Outcome Inofrmation Database by Analysts	25
Analyze Outcome Information by Healthcare Experts	90
Inform Decision Makers	0
Discuss the Issue by Decision Makers	0
Access Outcome Information	100
Draw Conclusion Automatically	0
Draw Conclusion Manually by Analysts	0

Decide about Issues by Decision Makers	0
Draw Conclusion by Experts	100
Make Decision by Voting Electronically	0
Make Decision by Voting in Meetings	0
Share Decision	0
Inform Formally	0
Inform Informally	0
Collect Feedback about Decision	0
Discussion in Online Forums	0
Informal Meeting	0

Inform by Question and Answers Database	0
Inform by Mailing Groups	0
Train Employees by Online Courses	0
Modify Decisions	0
Train Employees by Training Program	0
Update Rule Repository for Employees	0
Observe Execution	0
Collect Employees Feedback	0
Collect Experts Opinion	0
Inform Decision Makers about	0

Feedbacks	
Make Decision in Committees	0
Keep Database of Decisions Up To Date	0
Apply Decision	0
Collect Process Data by Observation	0
Collect Process Data based on Incident Reports	0
Collect Process Data based on EHR	0
Collect Process Data by two staged Chart Review	0
Collect Process Data based on Administrative Databases	0

Query DB	0
Communicate Traditionally	0
Communicate Electronically	0
Finalize Decision by Higher Level Decision Maker	0
Take Action	0
Prioritize Outcome	0
Prevent Outcome	0
Healthcare Procedures Are Complicated	0
Minimize Costs of Infrastructure	-8
Decrease Data Collection Complexity	0
Medical procedures need to be investigated	0

Increase Care Quality in Long Term	26
Decrease Analysis Time	0
Comprehensive analysis is needed	0
Potential changes are complicated	0
Decrease Decision Making Time	-6
Healthcare Institute Needs to Apply Decision to Many Employees	0
Decrease Adoption Costs	0
Increase Accuracy of Collected Outcome Data	0
Decrease Cost of	0

Outcome Data Collection	
Increase Accuracy of Collected Process Data	0
Decrease Cost of Process Data Collection	0
Decrease Cost of Observation	0
Observation is Manual	0
Observation is Semi-Automatic	0
Decrease Costs of Incident Collection	0
Non_Healthc are provider must be able to report incidents	0
Decrease Cost of Locating Potential	0

Outcome	
Decrease Costs of Ongoing DB Inspection	0
Decrease Costs of DB Tool Implementation	0
Costs of Documenting Administrative Events	0
Privacy Control is Must be Implemented	0
EHR DB Access Costs	0
Decrease Costs of EHR DB Tool Implementation	0
Decrease Costs of Ongoing EHR DB Inspection	0
Decrease Costs of Documenting	0

for EHR	
Decrease Ongoing Cost of Review	0
Decrease Costs of Rating Outcome	0
Decrease Costs of Ongoing Evaluation	0
Decrease Costs of Evaluation Tools	0
Decrease Costs of Organizing Feedback	0
Decrease Costs of Analysis	0
Detailed Investigation is Needed	0
Decrease Costs of Database Analysis	0
Decrease	0

Costs of Implementing Communication Infrastructure	
Decrease Ongoing Cost of Communication	0
Virtual Discussions about the Issue	0
Meet for Discussion about the Issue	0
Decrease Ongoing Costs of Decision Making	0
Decrease Costs of Implementing Virtual Discussion Tools	0
Decrease Costs of Ongoing Decision Making	0

Decrease Costs of Implementing Decision Making Tools	0
Decrease Costs of Sharing Decisions	0
Decrease Costs of Informing Informally	0
Inform Formally by Mailing Groups	0
Decrease Training Costs	0
Decrease Costs of Collecting Feedback	0
Make Decision by Facilitators	0
Decrease Costs of Modifying Decisions	0

Increase Effectiveness of Taking Action	0
Decrease Costs of Take Action	0
Resources for Taking Action is Limited	0

Strategy Legend for Group "3.3 Informing Decision Makers"

1:3.3.a Traditionally

2:3.3.b Electronically

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	14	14
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	22	22

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	12	12
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	33	33
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	100	100
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	100	0
Communicate Electronically	0	100
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-8	-8
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	24	24
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Orgnizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	-50

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	-25	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "3.4 Discuss about the Issues"

1:3.4.a Virtual

2:3.4.b Meeting

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	10	10
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	8	8

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	9	9
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	25	25
Adopt Decision	0	0
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	100	100
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-6	-6
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	18	18
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	-25	-25
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	100	0
Meet for Discussion about the Issue	0	100
Decrease Ongoing Costs of Decision Making	0	-50
Decrease Costs of Implementing Virtual Discussion Tools	-50	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "3.5 Dicide about the Issues"

1:3.5.a Traditional

2:3.5.b Electronic

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	13	13
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	5	5
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	19	19

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	12	12
Collect Data	0	0
Generate Informative Outcome Information	7	7
Make Safety Decision	29	29
Adopt Decision	0	0
Analyze Outcome Data	15	15

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	100	100
Rate Outcome Data	20	20
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	90	90
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	100
Make Decision by Voting in Meetings	100	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	100	100
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-7	-7
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	22	22
Decrease Analysis Time	-3	-3
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	-25	-25
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	-50	0

Decrease Costs of Implementing Decision Making Tools	0	-50
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "4.1 Share Decision"

- 1:4.1.a Formal
- 2:4.1.b Informal

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	19	10
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	17	9
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	45	25
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	90	50
Inform Formally	100	0
Inform Informally	0	100
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	100	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-11	-6
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	33	18
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Orgnizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	-50	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "4.1.1 Inform Informally"

1:4.1.1.a Simple

2:4.1.1.b Complete

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	5	9
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	4	8
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	12	22
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	25	45
Inform Formally	0	0
Inform Informally	50	90
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	100
Informal Meeting	100	100

Inform by Question and Answers Database	0	100
Inform by Mailing Groups	100	100
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-3	-5
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	9	16
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	-50
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "4.1.2 Inform Formally"

1:4.1.2.a Simple

2:4.1.2.b Complete

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	5	9
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	4	8
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	12	22
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	25	45
Inform Formally	50	90
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	100
Modify Decisions	0	0
Train Employees by Training Program	0	100
Update Rule Repository for Employees	100	100
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-3	-5
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	9	16
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	0	0
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	-12	-22
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	100	100
Decrease Training Costs	0	-50
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "4.3 Collect Feedback on Decisions"

1:4.3.a Simple

2:4.3.b Complete

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	14	19
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	12	17
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	33	45
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	66	90
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	0	0
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	100	100
Collect Employees Feedback	0	100
Collect Experts Opinion	100	100
Inform Decision Makers about	0	0

Feedbacks		
Make Decision in Committees	0	0
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-8	-11
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	24	33
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	-33	-45
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementation	0	0
Costs of Documenting Administrative Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementation	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	-25
Make Decision by Facilitators	0	0
Decrease Costs of Modifying Decisions	0	0

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

Strategy Legend for Group "4.4 Modify Decisions"

1:4.4.a Modify By Facilitator

2:4.4.b Modify By Committee

	Strategy Evaluations	
	1	2
Healthcare Institute (A)	14	19
Data Collection Stakeholder (A)	0	0
Information Generation Stakeholder (A)	0	0
Adopt Decision Stakeholder (A)	0	0
Process Data Collection Stakeholder (A)	0	0
Outcome Data Collection Stakeholder (A)	0	0
DB Inspector (A)	0	0
EHR DB Stakeholder (A)	0	0

Outcome Review Stakeholder (A)	0	0
Categorizing Stakeholder (A)	0	0
Feedback Organizer (A)	0	0
Generating Expert Opinion Stakeholder (A)	0	0
Outcome Data Analysis Stakeholder (A)	0	0
Outcome Data Analyzer (A)	0	0
Healthcare Expert Analyst (A)	0	0
Information Communication Stakeholder (A)	0	0
Decision Maker (A)	0	0

Share Decision Stakeholder (A)	0	0
Decision Communication Stakeholder (A)	0	0
Collect Feedback Stakeholder (A)	0	0
Take Action Stakeholder (A)	0	0
Increase Patient Safety	12	17
Collect Data	0	0
Generate Informative Outcome Information	0	0
Make Safety Decision	0	0
Adopt Decision	33	45
Analyze Outcome Data	0	0

Generate Expert Opinion	0	0
Collect Outcome Data	0	0
Collect Process Data	0	0
Collect Outcome Data by Observation	0	0
Collect Outcome Data based on Incident Reports	0	0
Collect Outcome Data based on EHR	0	0
Collect Outcome Data by two staged Chart Review	0	0
Collect Outcome Data based on Administrative Databases	0	0

Locate Important Data based on Guideline Manually	0	0
Collect Outcome Data Manually	0	0
Collect Outcome Data Semi_Automatically	0	0
Suggest Important Data based on rule database Automatically	0	0
Evaluate Automatically _Suggested Data	0	0
Capture Data	0	0
Report Outcome by Physicians	0	0
Report Outcomes by Nurses	0	0

Report Outcomes by Patients	0	0
Report Outcomes by Employees	0	0
Report Outcomes Anonymously	0	0
Review by Responsible Incident Authority	0	0
Review by Physicians	0	0
Locate Potential Outcomes	0	0
Locate Potential Outcomes by Nurses	0	0
Locate Potential Outcomes by Health Record Analysts	0	0
Locate Outcomes in Billing DB by	0	0

Health Record Analysts		
Document Administrative Events	0	0
Document Events by Physicians	0	0
Document Events by Nurses	0	0
Choose Indicator Codes for Outcome	0	0
Compare Information in Billing DB with Defined Codes	0	0
Compare Codes and information in DB Manually	0	0
Suggest Potential Outcomes Automatically	0	0
Use Codes from International	0	0

Clasification Disease		
Use Codes from Canadian Institute for Health Information	0	0
Use Codes from American Agency for Healthcare Research and Quality	0	0
Locate Outcome in EHR DB by Health Record Analysts	0	0
Document Medical Events	0	0
Document by Laboratory	0	0
Document by Pharmacy	0	0
Define Guideline for Detecting Outcome	0	0

Compare EHR Records with Guideline	0	0
Detect Outcomes in DB by Comparing them Automatically	0	0
Suggest Outcome by Comparing information in DB with Guideline Manually	0	0
Access EHR DB	0	0
Set Privacy Rules	0	0
Evaluate Compliance with Privacy Rules	0	0
Review Outcome Data	0	0
Investigate Details	0	0
Compare to	0	0

Rating Guideline		
Review Details	0	0
Rate Outcome Data	0	0
Suggest Conclusion Automatically	0	0
Conclude by Voting	0	0
Authorize Conclusion by Facilitator	0	0
Review in Committee Meeting	0	0
Review in Virtual Meetings	0	0
Share Data with Experts	0	0
Collect Feedback	0	0
Organize Feedback	0	0
Request Feedback	0	0
Evaluate	0	0

based on Peer Review		
Evaluate Feedabck Automatically	0	0
Analyze Outcome Inofrmation Database by Analysts	0	0
Analyze Outcome Information by Healthcare Experts	0	0
Inform Decision Makers	0	0
Discuss the Issue by Decision Makers	0	0
Access Outcome Information	0	0
Draw Conclusion Automatically	0	0
Draw Conclusion Manually by Analysts	0	0

Decide about Issues by Decision Makers	0	0
Draw Conclusion by Experts	0	0
Make Decision by Voting Electronically	0	0
Make Decision by Voting in Meetings	0	0
Share Decision	0	0
Inform Formally	0	0
Inform Informally	0	0
Collect Feedback about Decision	0	0
Discussion in Online Forums	0	0
Informal Meeting	0	0

Inform by Question and Answers Database	0	0
Inform by Mailing Groups	0	0
Train Employees by Online Courses	0	0
Modify Decisions	66	90
Train Employees by Training Program	0	0
Update Rule Repository for Employees	0	0
Observe Execution	0	0
Collect Employees Feedback	0	0
Collect Experts Opinion	0	0
Inform Decision Makers about	100	100

Feedbacks		
Make Decision in Committees	0	100
Keep Database of Decisions Up To Date	0	0
Apply Decision	0	0
Collect Process Data by Observation	0	0
Collect Process Data based on Incident Reports	0	0
Collect Process Data based on EHR	0	0
Collect Process Data by two staged Chart Review	0	0
Collect Process Data based on Administrative Databases	0	0

Query DB	0	0
Communicate Traditionally	0	0
Communicate Electronically	0	0
Finalize Decision by Higher Level Decision Maker	0	0
Take Action	0	0
Prioritize Outcome	0	0
Prevent Outcome	0	0
Healthcare Procedures Are Complicated	0	0
Minimize Costs of Infrastructure	-8	-11
Decrease Data Collection Complexity	0	0
Medical procedures need to be investigated	0	0

Increase Care Quality in Long Term	24	33
Decrease Analysis Time	0	0
Comprehensive analysis is needed	0	0
Potential changes are complicated	0	0
Decrease Decision Making Time	0	0
Healthcare Institute Needs to Apply Decision to Many Employees	0	0
Decrease Adoption Costs	-33	-45
Increase Accuracy of Collected Outcome Data	0	0
Decrease Cost of	0	0

Outcome Data Collection		
Increase Accuracy of Collected Process Data	0	0
Decrease Cost of Process Data Collection	0	0
Decrease Cost of Observation	0	0
Observation is Manual	0	0
Observation is Semi-Automatic	0	0
Decrease Costs of Incident Collection	0	0
Non_Healthc are provider must be able to report incidents	0	0
Decrease Cost of Locating Potential	0	0

Outcome		
Decrease Costs of Ongoing DB Inspection	0	0
Decrease Costs of DB Tool Implementati on	0	0
Costs of Documenting Administrativ e Events	0	0
Privacy Control is Must be Implemented	0	0
EHR DB Access Costs	0	0
Decrease Costs of EHR DB Tool Implementati on	0	0
Decrease Costs of Ongoing EHR DB Inspection	0	0
Decrease Costs of Documenting	0	0

for EHR		
Decrease Ongoing Cost of Review	0	0
Decrease Costs of Rating Outcome	0	0
Decrease Costs of Ongoing Evaluation	0	0
Decrease Costs of Evaluation Tools	0	0
Decrease Costs of Organizing Feedback	0	0
Decrease Costs of Analysis	0	0
Detailed Investigation is Needed	0	0
Decrease Costs of Database Analysis	0	0
Decrease	0	0

Costs of Implementing Communication Infrastructure		
Decrease Ongoing Cost of Communication	0	0
Virtual Discussions about the Issue	0	0
Meet for Discussion about the Issue	0	0
Decrease Ongoing Costs of Decision Making	0	0
Decrease Costs of Implementing Virtual Discussion Tools	0	0
Decrease Costs of Ongoing Decision Making	0	0

Decrease Costs of Implementing Decision Making Tools	0	0
Decrease Costs of Sharing Decisions	0	0
Decrease Costs of Informing Informally	0	0
Inform Formally by Mailing Groups	0	0
Decrease Training Costs	0	0
Decrease Costs of Collecting Feedback	0	0
Make Decision by Facilitators	100	0
Decrease Costs of Modifying Decisions	0	-25

Increase Effectiveness of Taking Action	0	0
Decrease Costs of Take Action	0	0
Resources for Taking Action is Limited	0	0

1.c Collect Data _ Complete

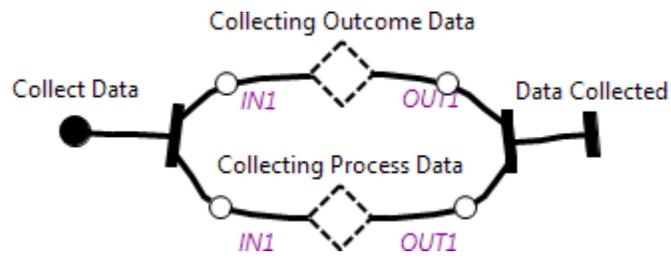


Figure 1 - 1.c Collect Data _ Complete

Stubs

Dynamic Stub - Collecting Process Data

Dynamic Stub - Collecting Outcome Data

3.1 Analyze Outcome Information Database by Analysts

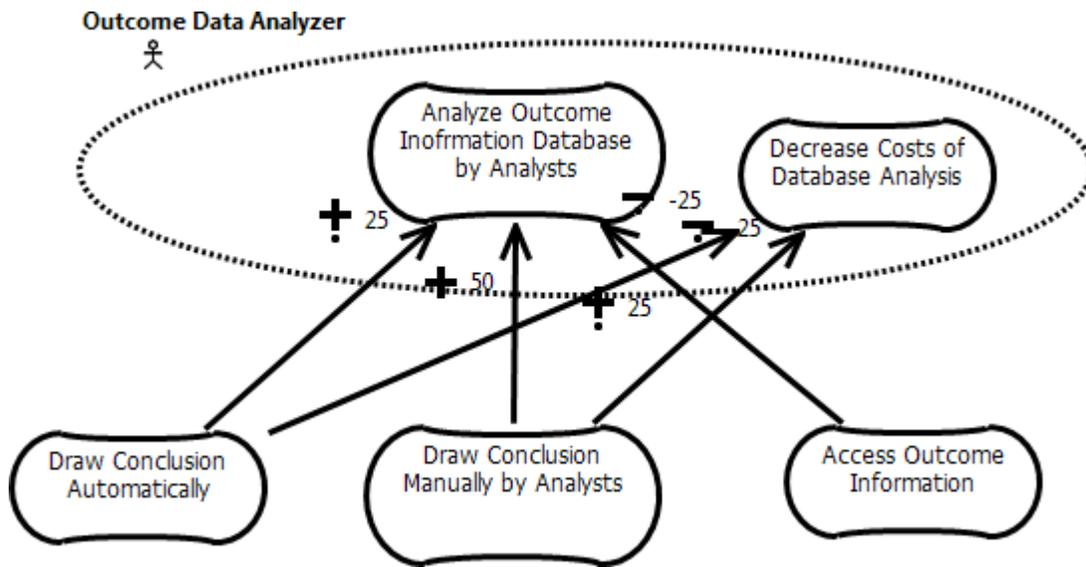


Figure 2 - 3.1 Analyze Outcome Information Database by Analysts

3.5.b Decide about Issues by Decision Makers _ Electronically

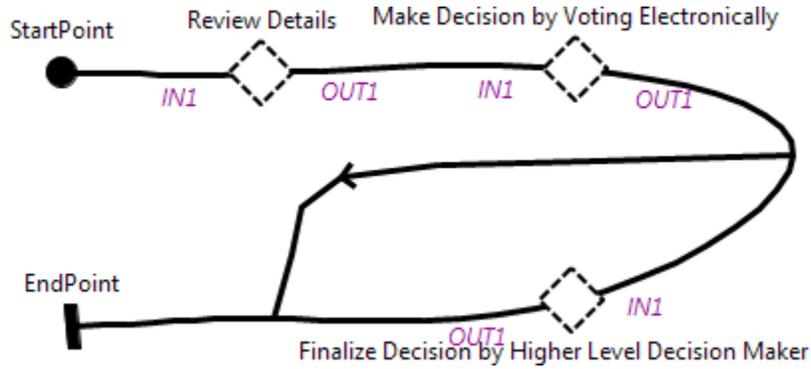


Figure 3 - 3.5.b Decide about Issues by Decision Makers _ Electronically

Stubs

Dynamic Stub - Review Details

Dynamic Stub - Make Decision by Voting Electronically

Dynamic Stub - Finalize Decision by Higher Level Decision Maker

Or Fork Description

(probability: 1.0)

(probability: 1.0)

3.4.a Discuss the Issue Virtually

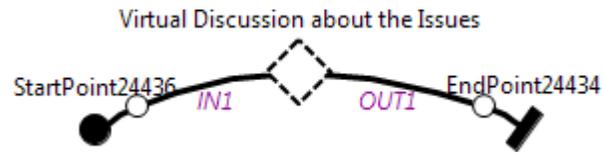


Figure 4 - 3.4.a Discuss the Issue Virtually

Stubs

Dynamic Stub - Virtual Discussion about the Issues

5.a Taking Action Simple

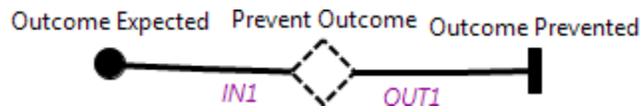


Figure 5 - 5.a Taking Action Simple

Stubs

Dynamic Stub - Prevent Outcome

1.1.2 Collect Outcome Data based on Incident Reports

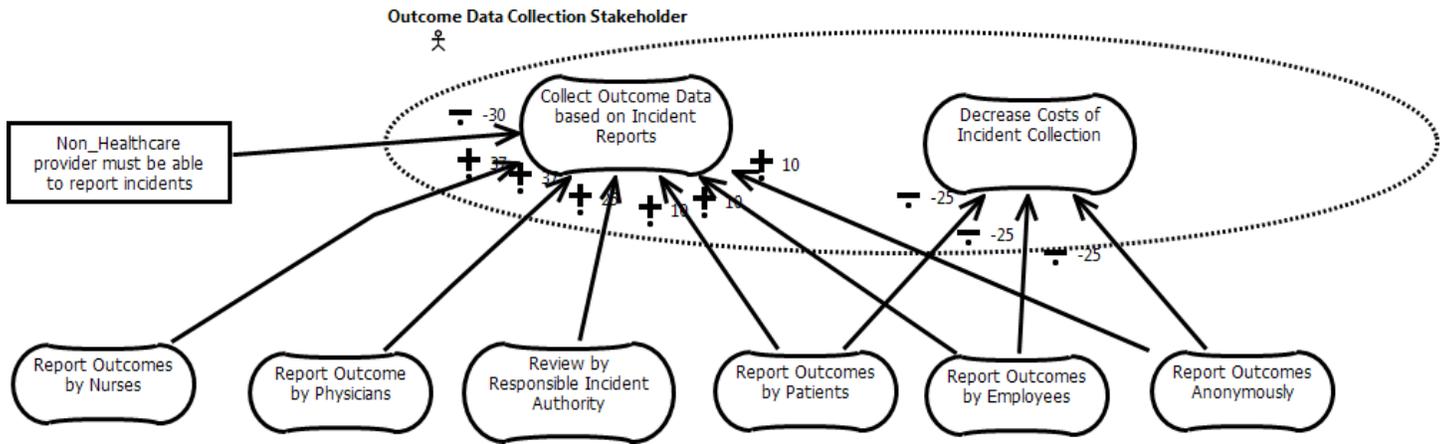


Figure 6 - 1.1.2 Collect Outcome Data based on Incident Reports

2.1 Analyze Outcome Data

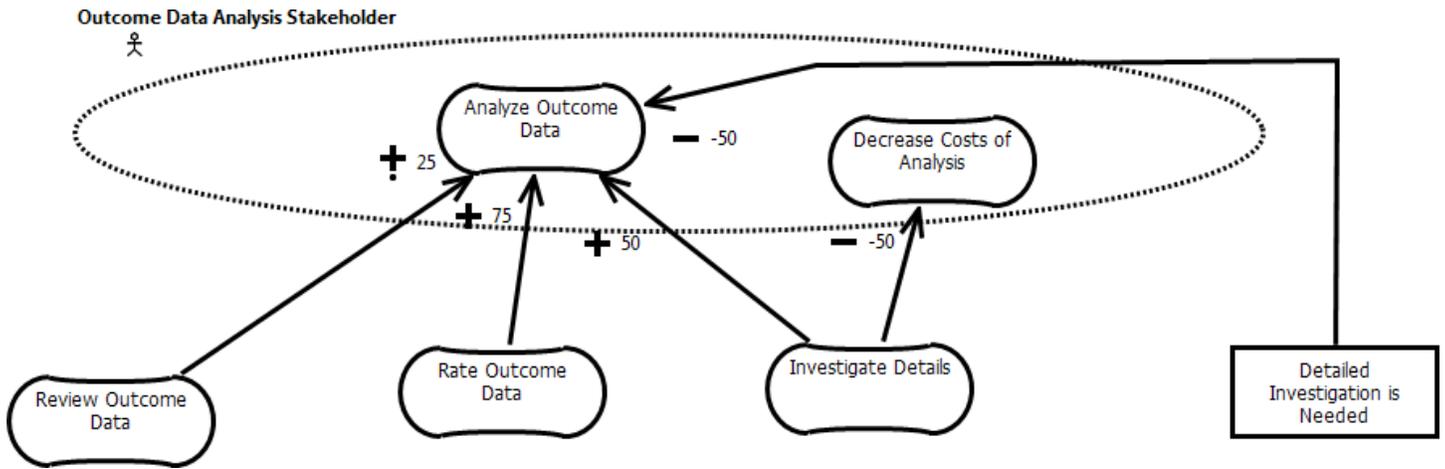


Figure 7 - 2.1 Analyze Outcome Data

00 Patient Safety System

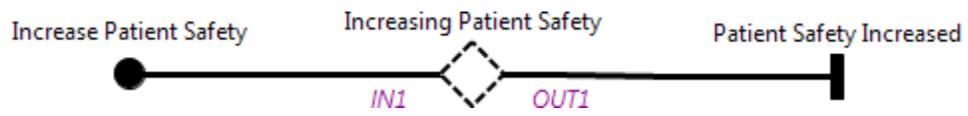


Figure 8 - 00 Patient Safety System

Stubs

Dynamic Stub - Increasing Patient Safety

2.1.2.c Rate Outcome Data Complete

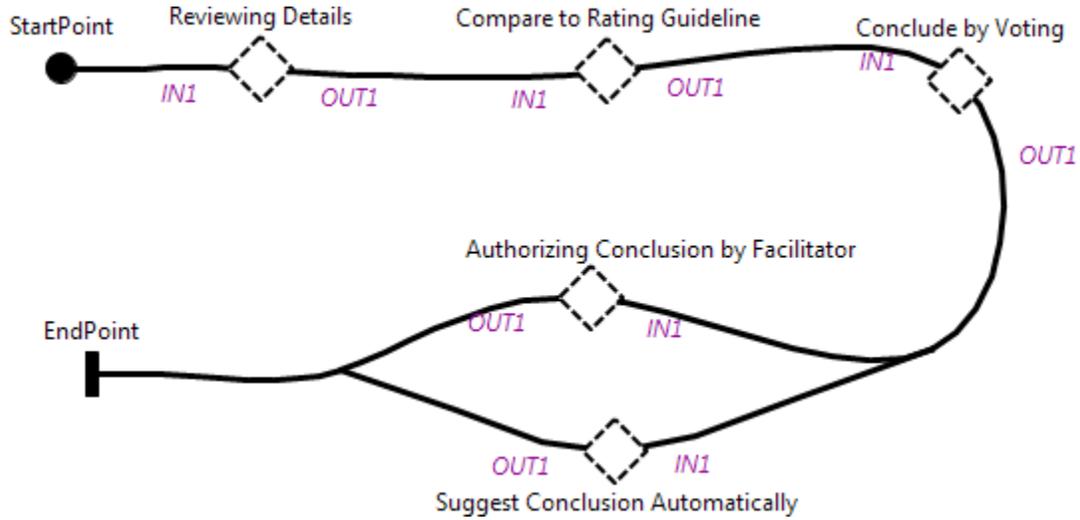


Figure 9 - 2.1.2.c Rate Outcome Data Complete

Stubs

Dynamic Stub - Reviewing Details

Dynamic Stub - Compare to Rating Guideline

Dynamic Stub - Conclude by Voting

Dynamic Stub - Authorizing Conclusion by Facilitator

Dynamic Stub - Suggest Conclusion Automatically

Or Fork Description

(probability: 1.0)

(probability: 1.0)

1.1.4.b Document Administrative Events

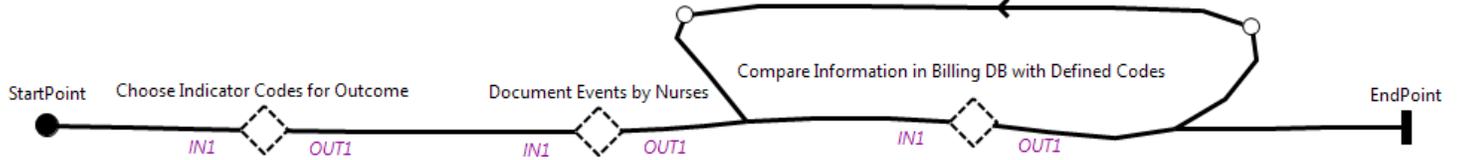


Figure 10 - 1.1.4.b Document Administrative Events

Stubs

Dynamic Stub - Compare Information in Billing DB with Defined Codes

Dynamic Stub - Choose Indicator Codes for Outcome

Dynamic Stub - Document Events by Nurses

Or Fork Description

(probability: 1.0)

(probability: 1.0)

1.1.5.1.b Access EHR DB with Privacy Control

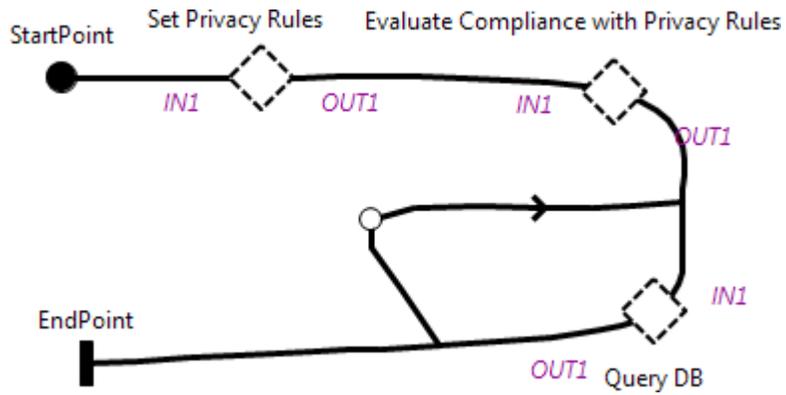


Figure 11 - 1.1.5.1.b Access EHR DB with Privacy Control

Stubs

Dynamic Stub - Evaluate Compliance with Privacy Rules

Dynamic Stub - Set Privacy Rules

Dynamic Stub - Query DB

Or Fork Description

(probability: 1.0)

(probability: 1.0)

4.a Basic Decision Adoption

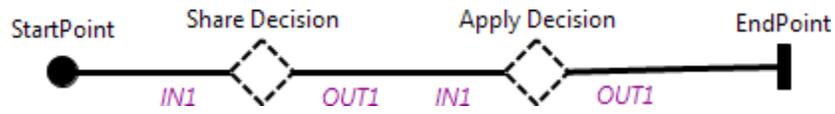


Figure 12 - 4.a Basic Decision Adoption

Stubs

Dynamic Stub - Share Decision

Dynamic Stub - Apply Decision

3.1.b Analyze Outcome Information Database by Analysts _ Complete

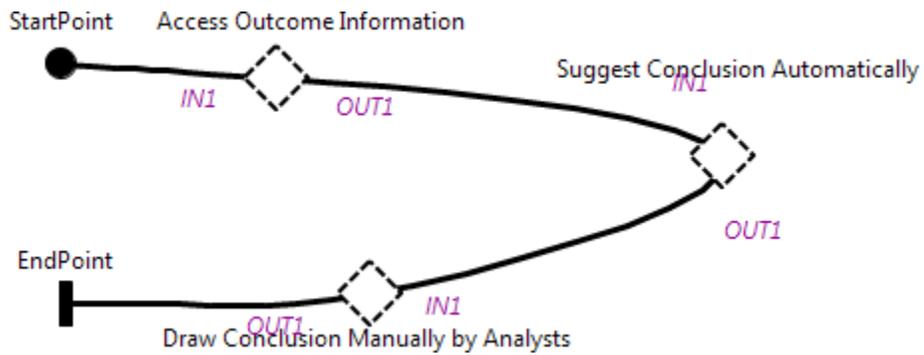


Figure 13 - 3.1.b Analyze Outcome Information Database by Analysts _ Complete

Stubs

Dynamic Stub - Access Outcome Information

Dynamic Stub - Suggest Conclusion Automatically

Dynamic Stub - Draw Conclusion Manually by Analysts

2.b Generate Informative Outcome Information _ Just Experts



Figure 14 - 2.b Generate Informative Outcome Information _ Just Experts

Stubs

Dynamic Stub - Generating Expert Opinion

1.1.3 Review and Guideline

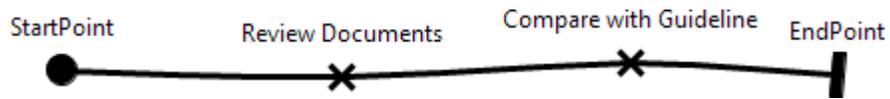


Figure 15 - 1.1.3 Review and Guideline

Responsibilities

Review Documents

Compare with Guideline

3.4.b Discuss the Issue in a Meeting

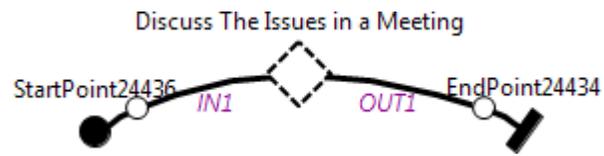


Figure 16 - 3.4.b Discuss the Issue in a Meeting

Stubs

Dynamic Stub - Discuss The Issues in a Meeting

5 TakeAction

Take Action Stakeholder

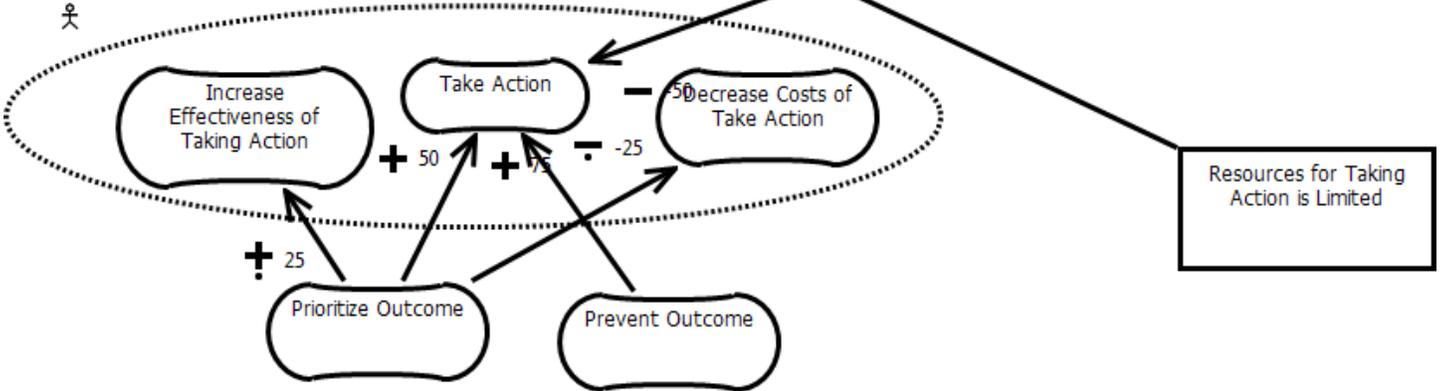


Figure 17 - 5 TakeAction

1.2.e Collect Process Data based on Administrative Databases



Figure 18 - 1.2.e Collect Process Data based on Administrative Databases

Stubs

Dynamic Stub - Collecting Process Data based on Administrative Databases

3.5 Decide about Issues by Decision Makers

Decision Maker

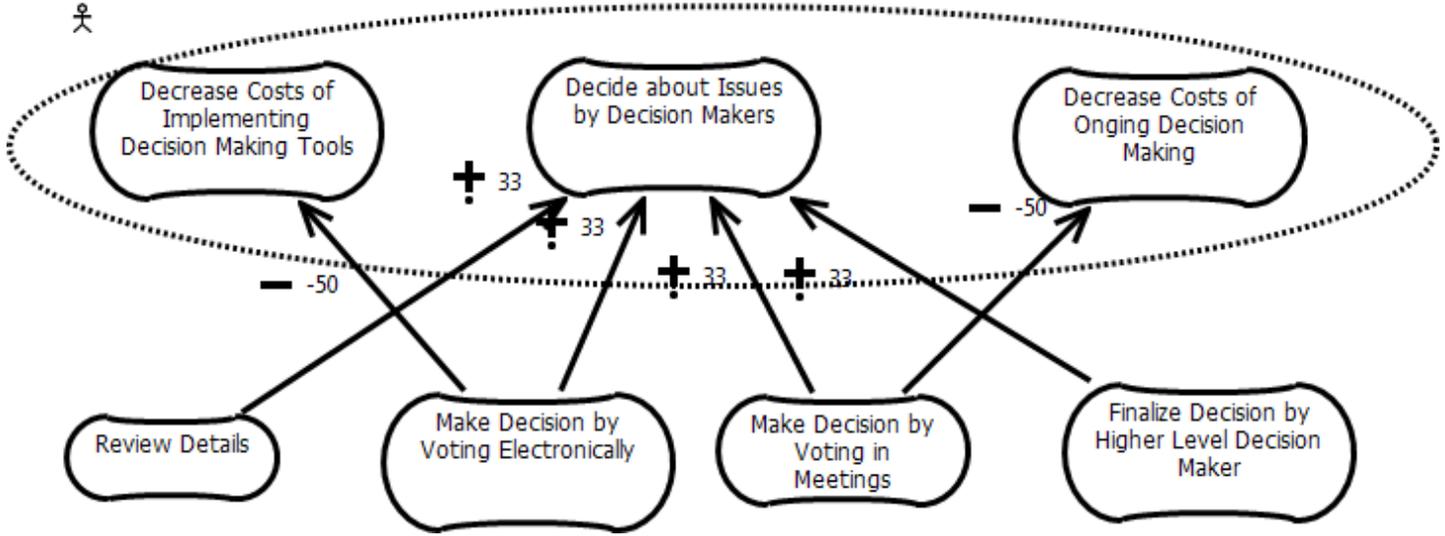


Figure 19 - 3.5 Decide about Issues by Decision Makers

0.b Increase Patient Safety Complete

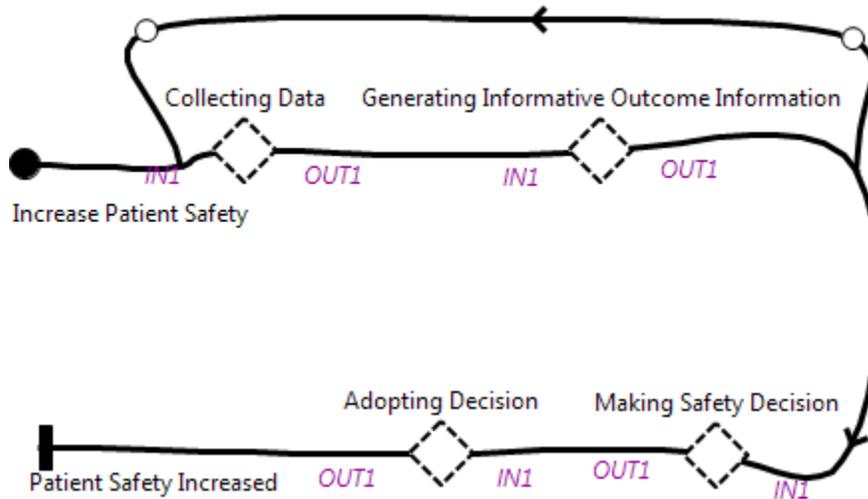


Figure 20 - 0.b Increase Patient Safety Complete

Stubs

Dynamic Stub - Collecting Data

Dynamic Stub - Generating Informative Outcome Information

Dynamic Stub - Making Safety Decision

Dynamic Stub - Adopting Decision

Or Fork Description

(probability: 1.0)

(probability: 1.0)

2.2.b Sharing without Organizing Feedback

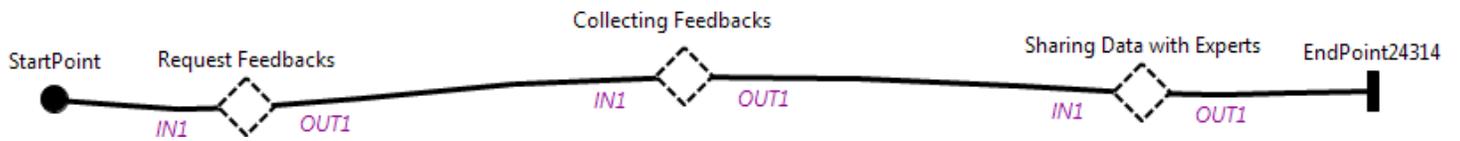


Figure 21 - 2.2.b Sharing without Organizing Feedback

Stubs

Dynamic Stub - Sharing Data with Experts

Dynamic Stub - Collecting Feedbacks

Dynamic Stub - Request Feedbacks

1.2.b Collect Process Data based on Incident Reports

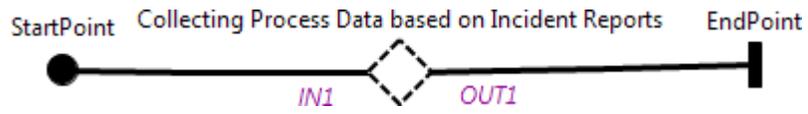


Figure 22 - 1.2.b Collect Process Data based on Incident Reports

Stubs

Dynamic Stub - Collecting Process Data based on Incident Reports

1.1.5.2 Compare with EHR DB

EHR DB Stakeholder

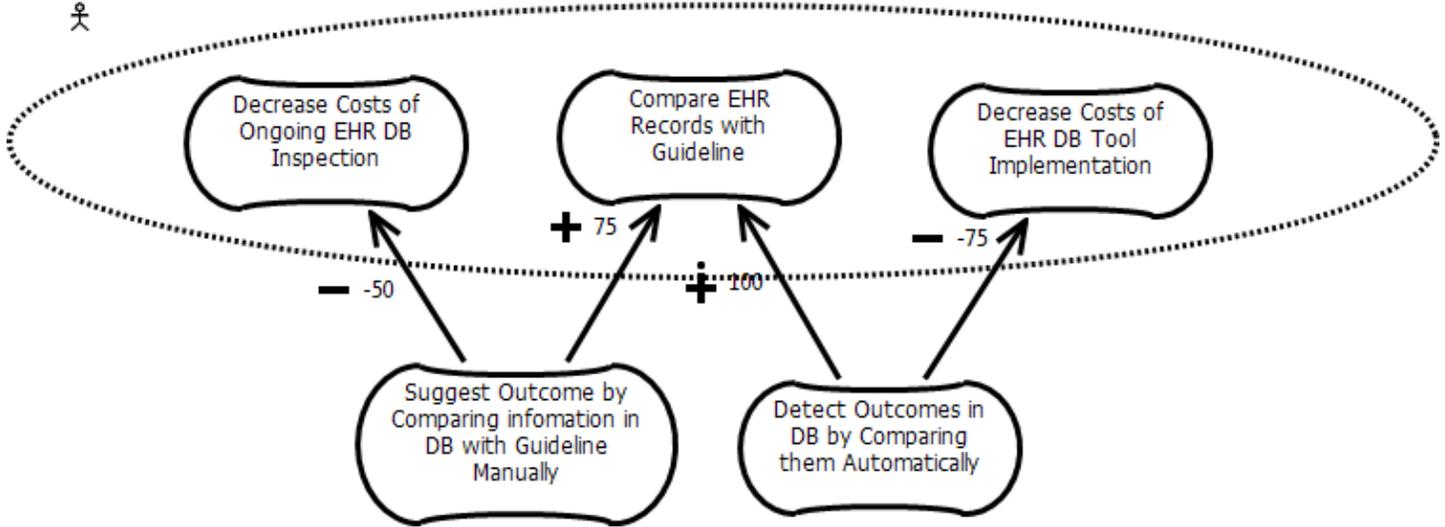


Figure 23 - 1.1.5.2 Compare with EHR DB

1.1.4.2 Compare Information in Billing DB

DB Inspector
⊠

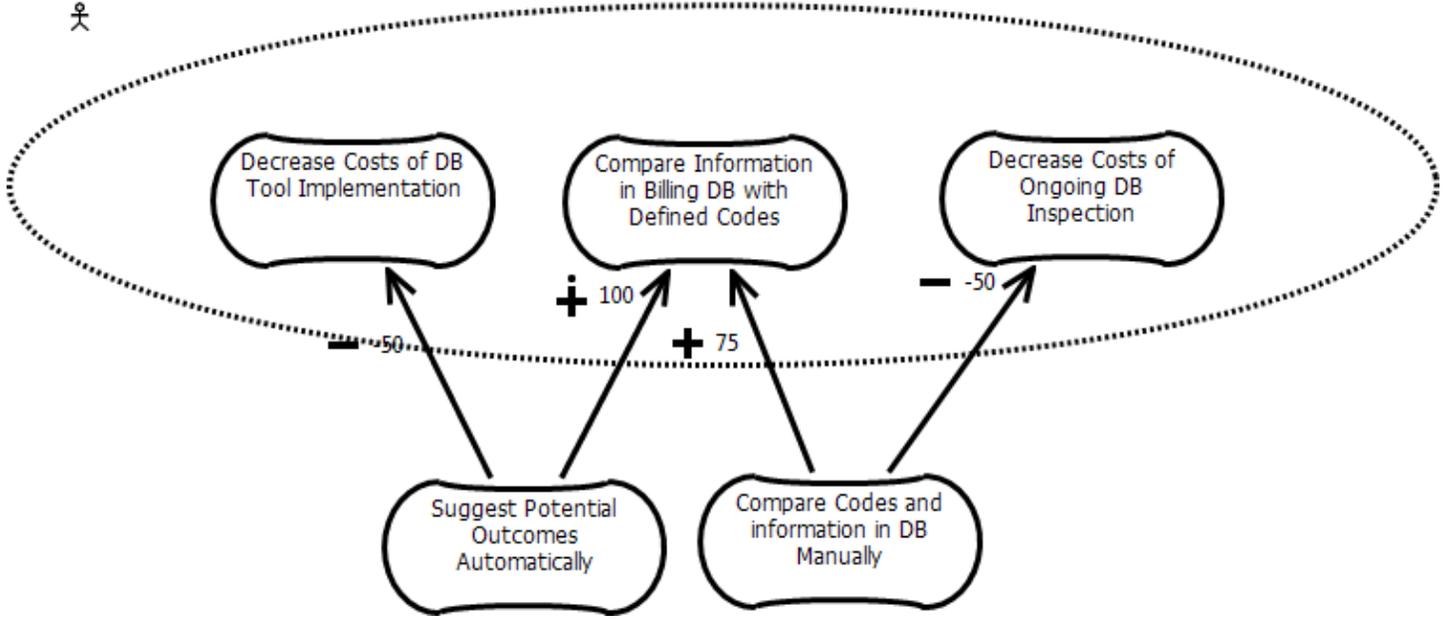


Figure 24 - 1.1.4.2 Compare Information in Billing DB

2.1.2 Categorize and Rate Outcome

Categorizing Stakeholder

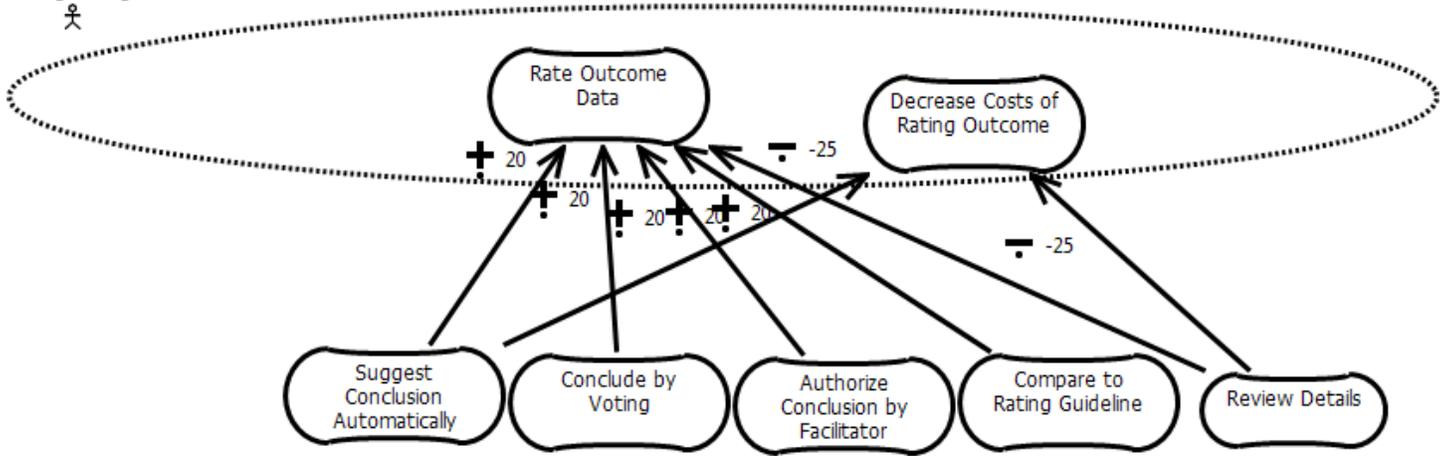


Figure 25 - 2.1.2 Categorize and Rate Outcome

1.1.1.a Collect Outcome Data by Observation _ Manually _ Mechanism

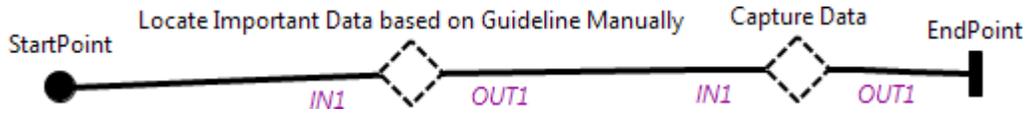


Figure 26 - 1.1.1.a Collect Outcome Data by Observation _ Manually _ Mechanism

Stubs

Dynamic Stub - Locate Important Data based on Guideline Manually

Dynamic Stub - Capture Data

1.1.1.b Collect Outcome Data by Observation _ Semi_Automatically _ Mechanism

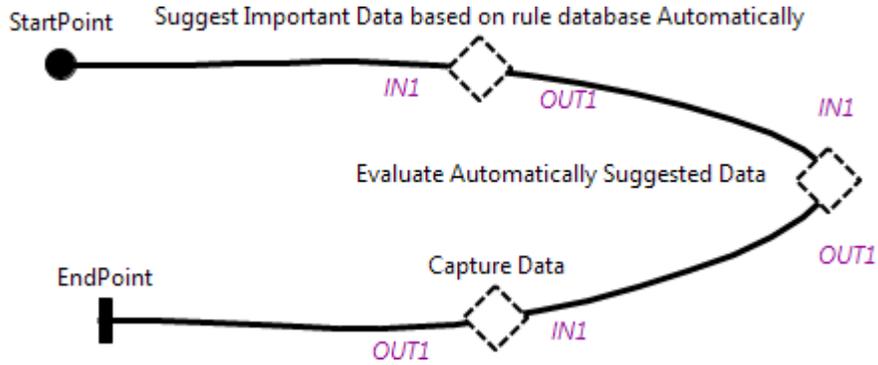


Figure 27 - 1.1.1.b Collect Outcome Data by Observation _ Semi_Automatically _ Mechanism

Stubs

Dynamic Stub - Suggest Important Data based on rule database Automatically

Dynamic Stub - Evaluate Automatically Suggested Data

Dynamic Stub - Capture Data

4.1.2 Inform Formally

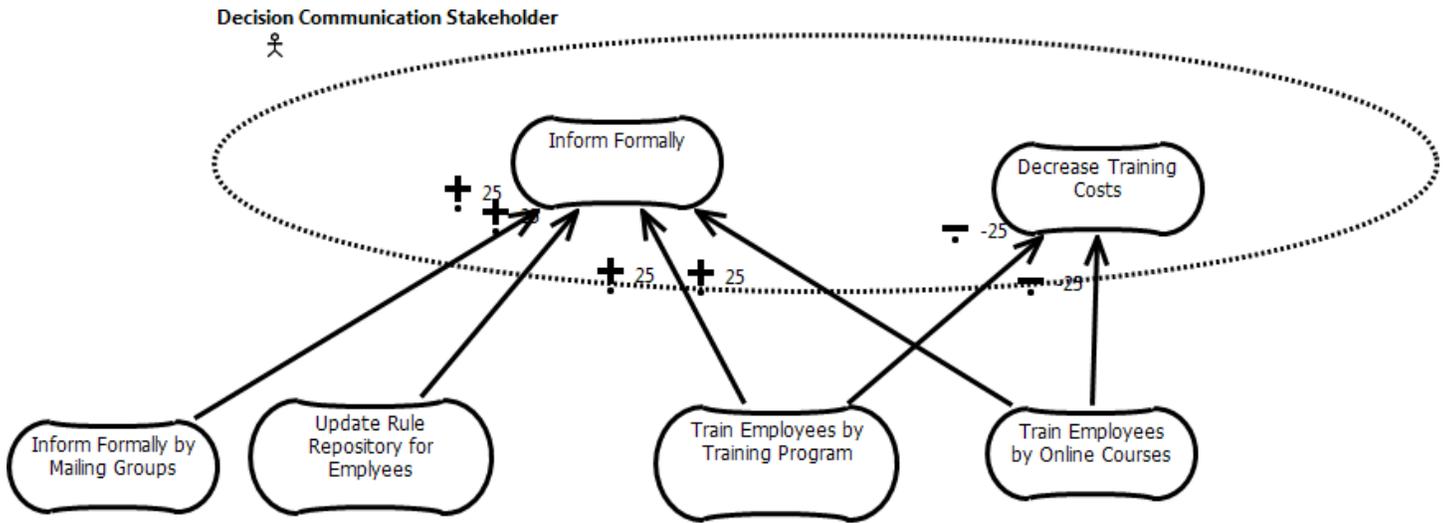


Figure 28 - 4.1.2 Inform Formally

4.1.a Share Decision _ Formally

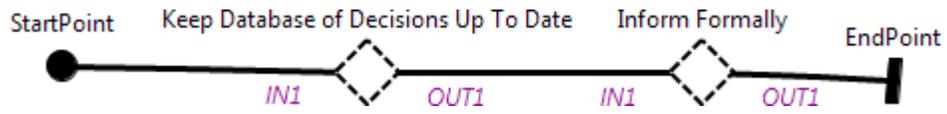


Figure 29 - 4.1.a Share Decision _ Formally

Stubs

Dynamic Stub - Keep Database of Decisions Up To Date

Dynamic Stub - Inform Formally

2.a Generate Informative Outcome Information _ Just Anlyze

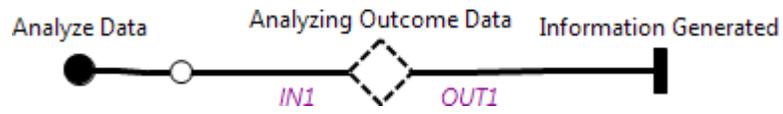


Figure 30 - 2.a Generate Informative Outcome Information _ Just Anlyze

Stubs

Dynamic Stub - Analyzing Outcome Data

3.2.a Analyze Outcome Information by Healthcare Experts

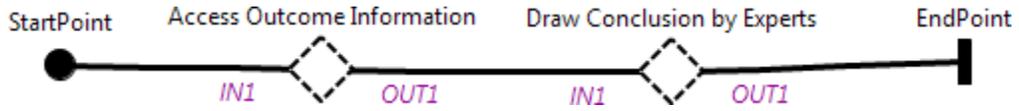


Figure 31 - 3.2.a Analyze Outcome Information by Healthcare Experts

Stubs

Dynamic Stub - Access Outcome Information

Dynamic Stub - Draw Conclusion by Experts

1.1.b Collect Outcome Data based on Incident Reports

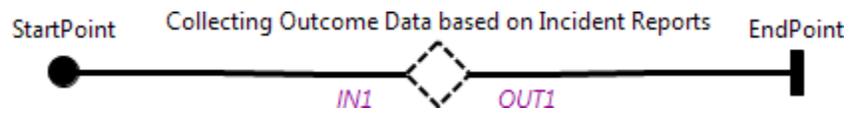


Figure 32 - 1.1.b Collect Outcome Data based on Incident Reports

Stubs

Dynamic Stub - Collecting Outcome Data based on Incident Reports

2.2 Generate Expert Opinion

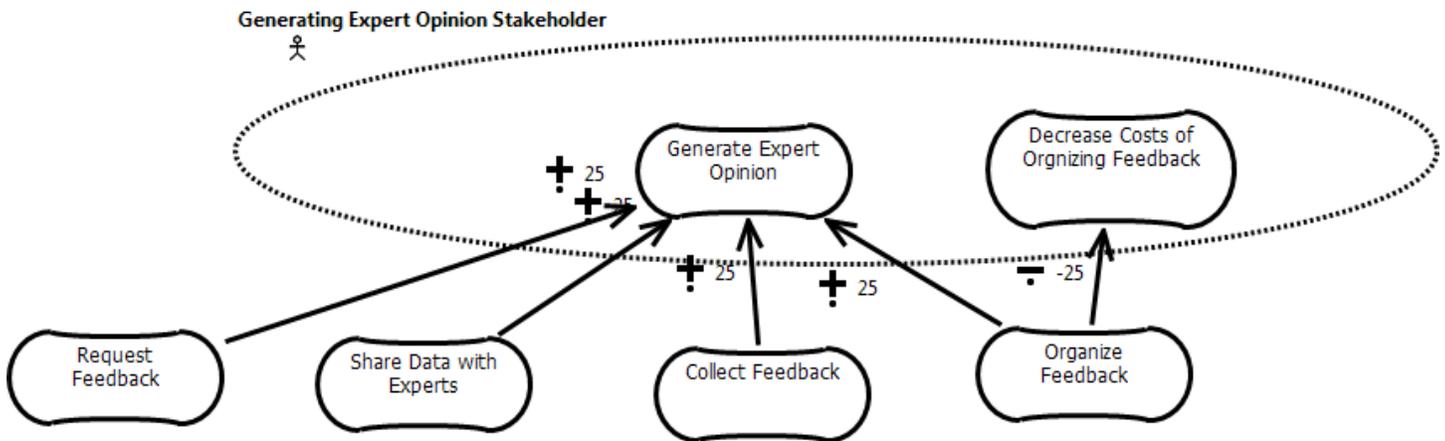


Figure 33 - 2.2 Generate Expert Opinion

3.a Comprehensive Decision Making _ Complete

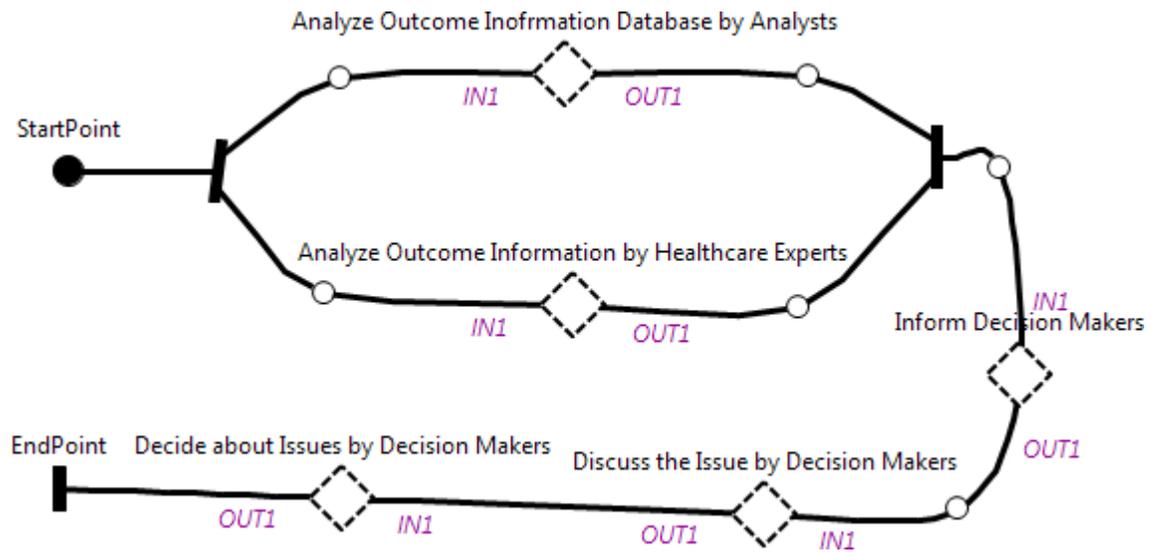


Figure 34 - 3.a Comprehensive Decision Making _ Complete

Stubs

Dynamic Stub - Analyze Outcome Information by Healthcare Experts

Dynamic Stub - Analyze Outcome Inofrmation Database by Analysts

Dynamic Stub - Inform Decision Makers

Dynamic Stub - Discuss the Issue by Decision Makers

Dynamic Stub - Decide about Issues by Decision Makers

4.1.b Share Decision _ Informally

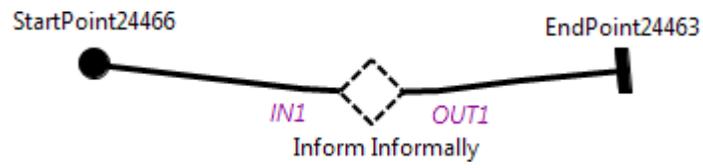


Figure 35 - 4.1.b Share Decision _ Informally

Stubs

Dynamic Stub - Inform Informally

1.1.4.2.b Compare Information in Billing DB with Defined Codes _ Manually

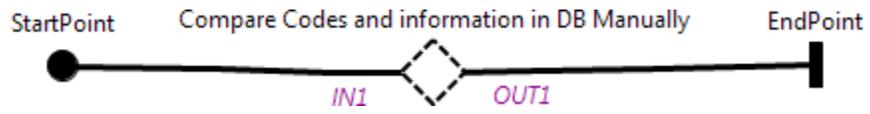


Figure 36 - 1.1.4.2.b Compare Information in Billing DB with Defined Codes _ Manually

Stubs

Dynamic Stub - Compare Codes and information in DB Manually

3.2 Analyze Outcome Information by Healthcare Experts

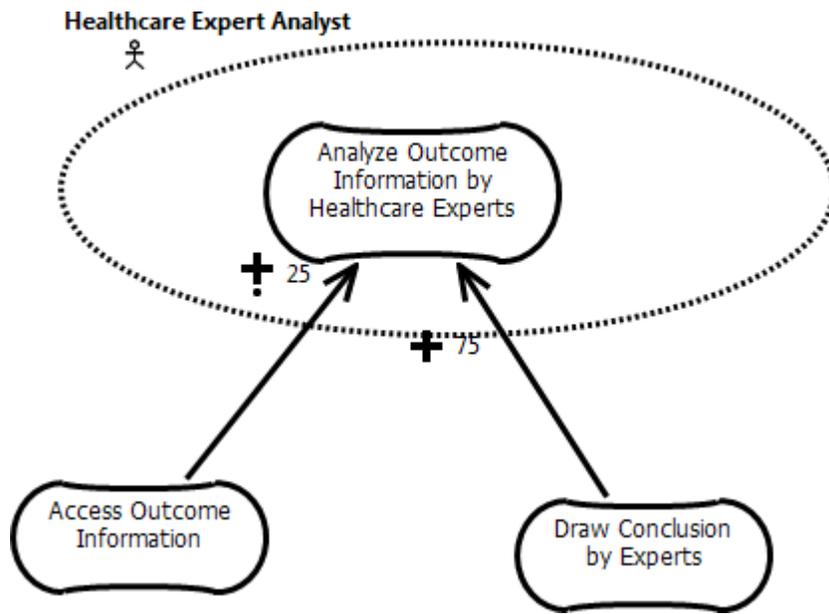


Figure 37 - 3.2 Analyze Outcome Information by Healthcare Experts

1.1.2.b Collect Outcome Data based on Incident Reports _ General

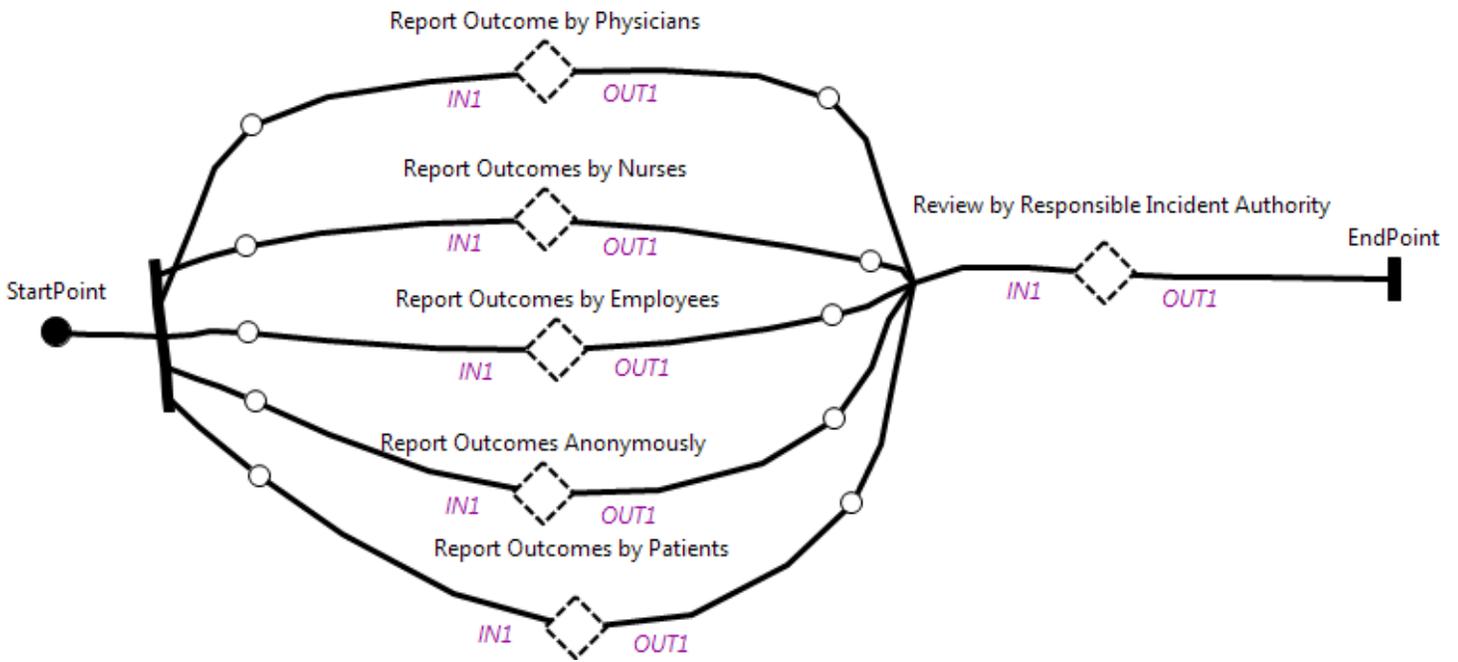


Figure 38 - 1.1.2.b Collect Outcome Data based on Incident Reports _ General

Stubs

Dynamic Stub - Report Outcomes Anonymously

Dynamic Stub - Report Outcome by Physicians

Dynamic Stub - Report Outcomes by Nurses

Dynamic Stub - Report Outcomes by Patients

Dynamic Stub - Review by Responsible Incident Authority

Dynamic Stub - Report Outcomes by Employees

3 Make Safety Decision_Knowledge Generation

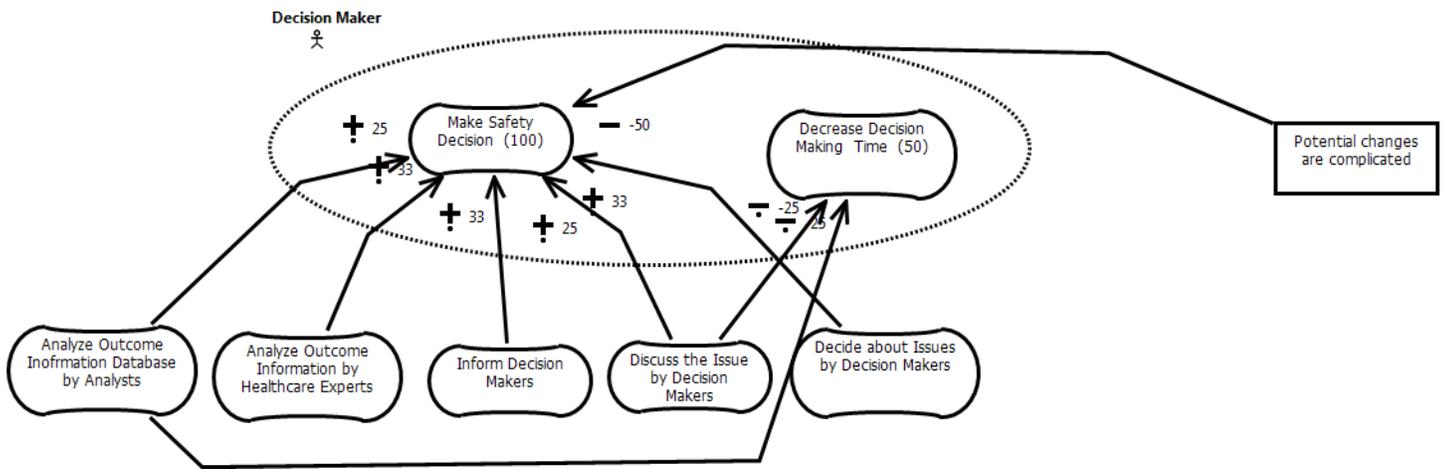


Figure 39 - 3 Make Safety Decision_Knowledge Generation

4.1 Share Decision

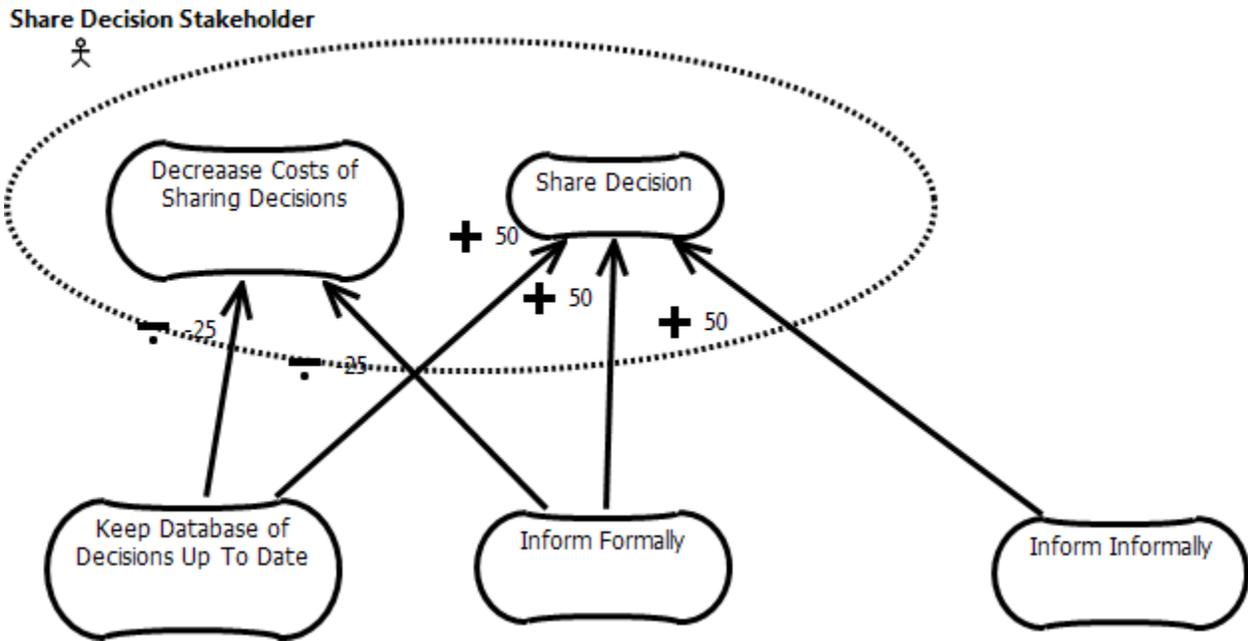


Figure 40 - 4.1 Share Decision

1.1 Collect Outcome Data

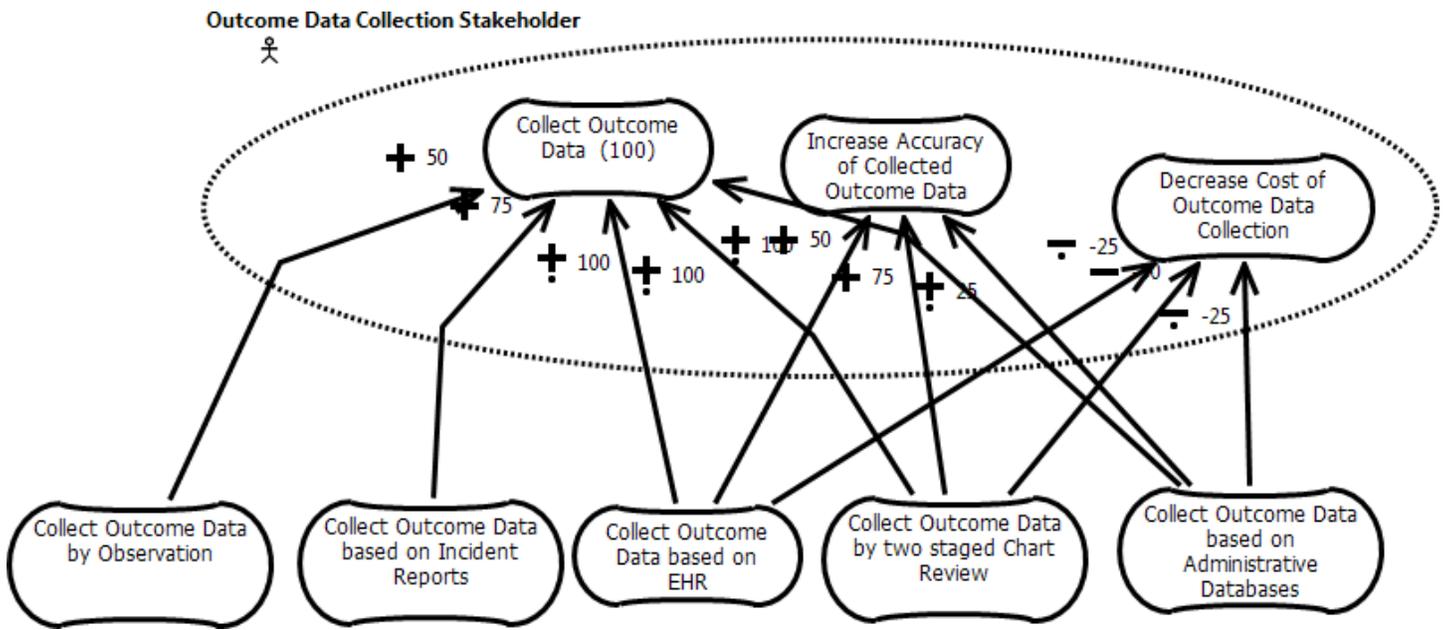


Figure 41 - 1.1 Collect Outcome Data

4.3.a Collect Feedback about Decision _ Simple

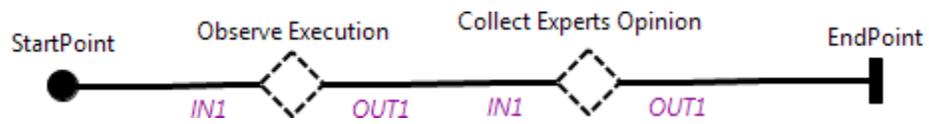


Figure 42 - 4.3.a Collect Feedback about Decision _ Simple

Stubs

Dynamic Stub - Observe Execution

Dynamic Stub - Collect Experts Opinion

1.1.4.1 Choose Indicator Codes for Outcome

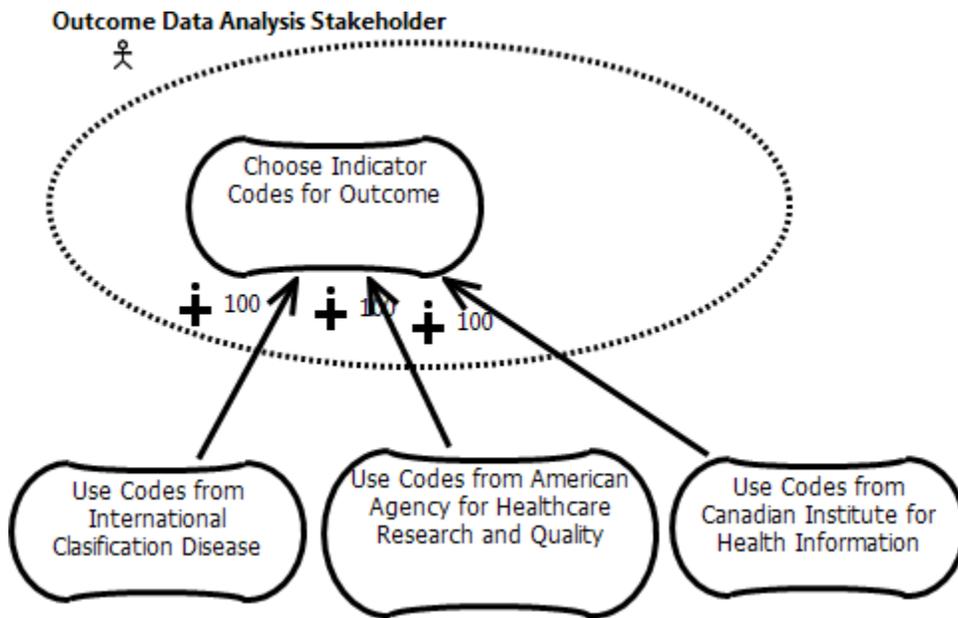


Figure 44 - 1.1.4.1 Choose Indicator Codes for Outcome

0.c Increase Patient Safety with Taking Action

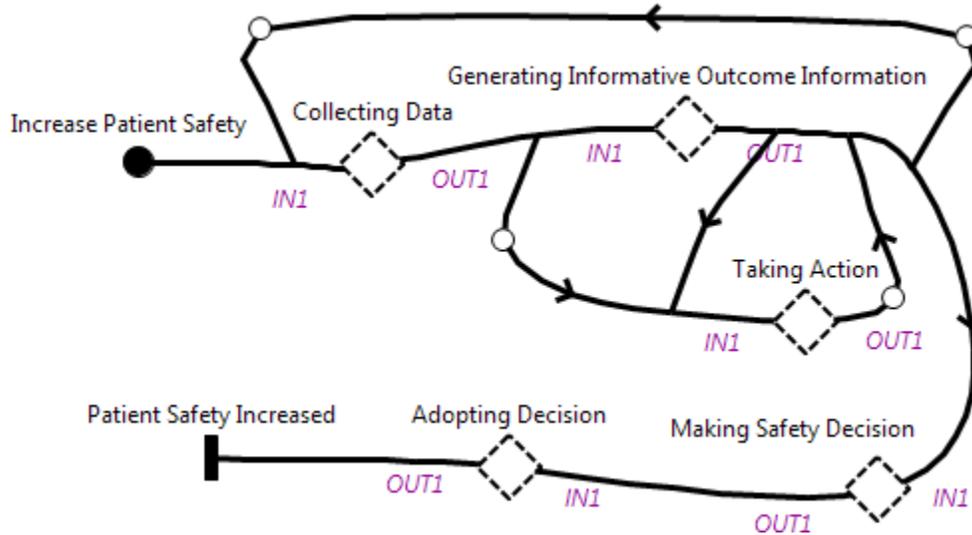


Figure 45 - 0.c Increase Patient Safety with Taking Action

Stubs

Dynamic Stub - Collecting Data

Dynamic Stub - Making Safety Decision

Dynamic Stub - Adopting Decision

Dynamic Stub - Generating Informative Outcome Information

Dynamic Stub - Taking Action

Or Fork Description

(probability: 1.0)

(probability: 1.0)

(probability: 1.0)

(probability: 1.0)

(probability: 1.0)

(probability: 1.0)

1.1.3.b Locate Potential Outcomes

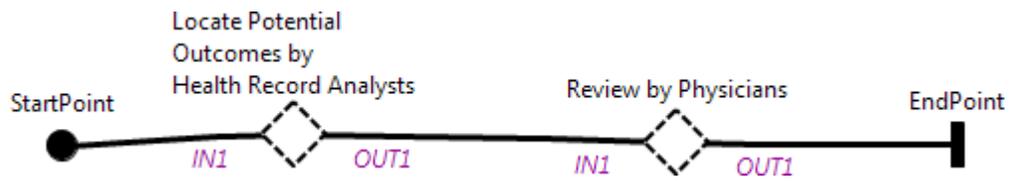


Figure 46 - 1.1.3.b Locate Potential Outcomes

Stubs

Dynamic Stub - Locate Potential Outcomes by Health Record Analysts

Dynamic Stub - Review by Physicians

3.b Data Based Decision Making_ Simple

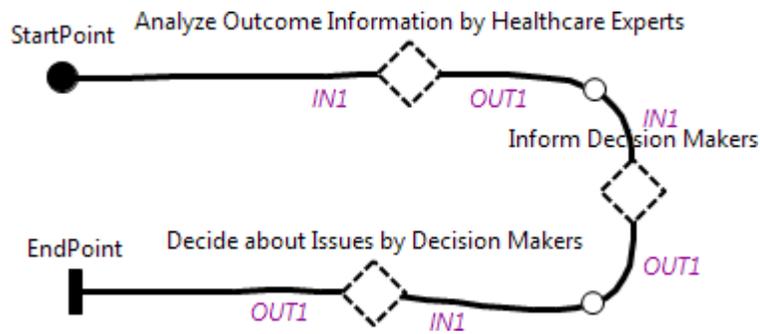


Figure 47 - 3.b Data Based Decision Making_ Simple

Stubs

Dynamic Stub - Analyze Outcome Information by Healthcare Experts

Dynamic Stub - Inform Decision Makers

Dynamic Stub - Decide about Issues by Decision Makers

3.5.a Decide about Issues by Decision Makers _ Traditional

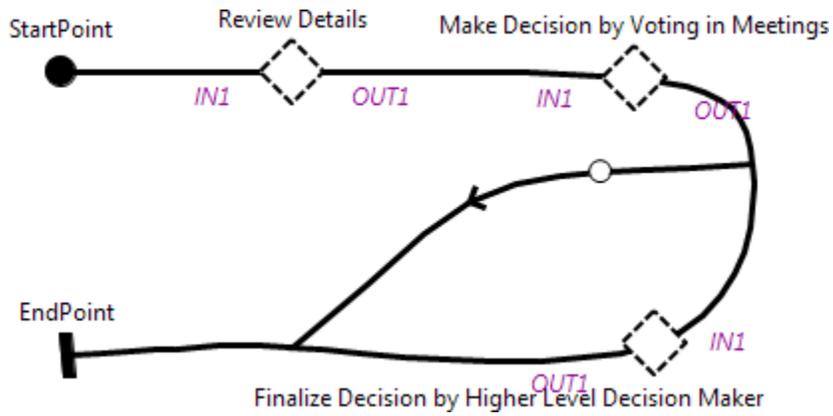


Figure 48 - 3.5.a Decide about Issues by Decision Makers _ Traditional

Stubs

Dynamic Stub - Review Details

Dynamic Stub - Make Decision by Voting in Meetings

Dynamic Stub - Finalize Decision by Higher Level Decision Maker

Or Fork Description

(probability: 1.0)

(probability: 1.0)

2.1.1.b Review Outcome Data _ Committee



Figure 49 - 2.1.1.b Review Outcome Data _ Committee

Stubs

Dynamic Stub - Reviewing in Committee Meeting

1.1.4.a Collect Outcome Data based on Administrative Databases

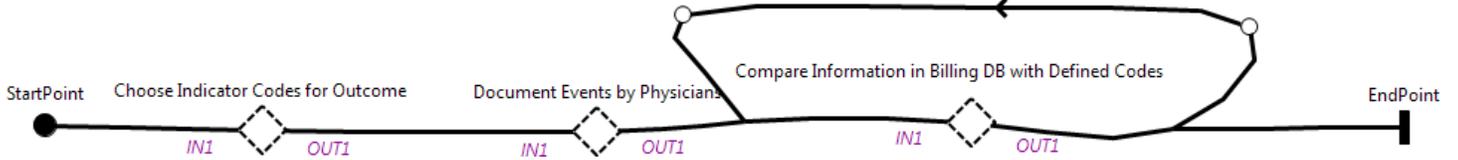


Figure 50 - 1.1.4.a Collect Outcome Data based on Administrative Databases

Stubs

Dynamic Stub - Compare Information in Billing DB with Defined Codes

Dynamic Stub - Choose Indicator Codes for Outcome

Dynamic Stub - Document Events by Physicians

Or Fork Description

(probability: 1.0)

(probability: 1.0)

1.1.4 Collect Outcome Data based on Administrative DB

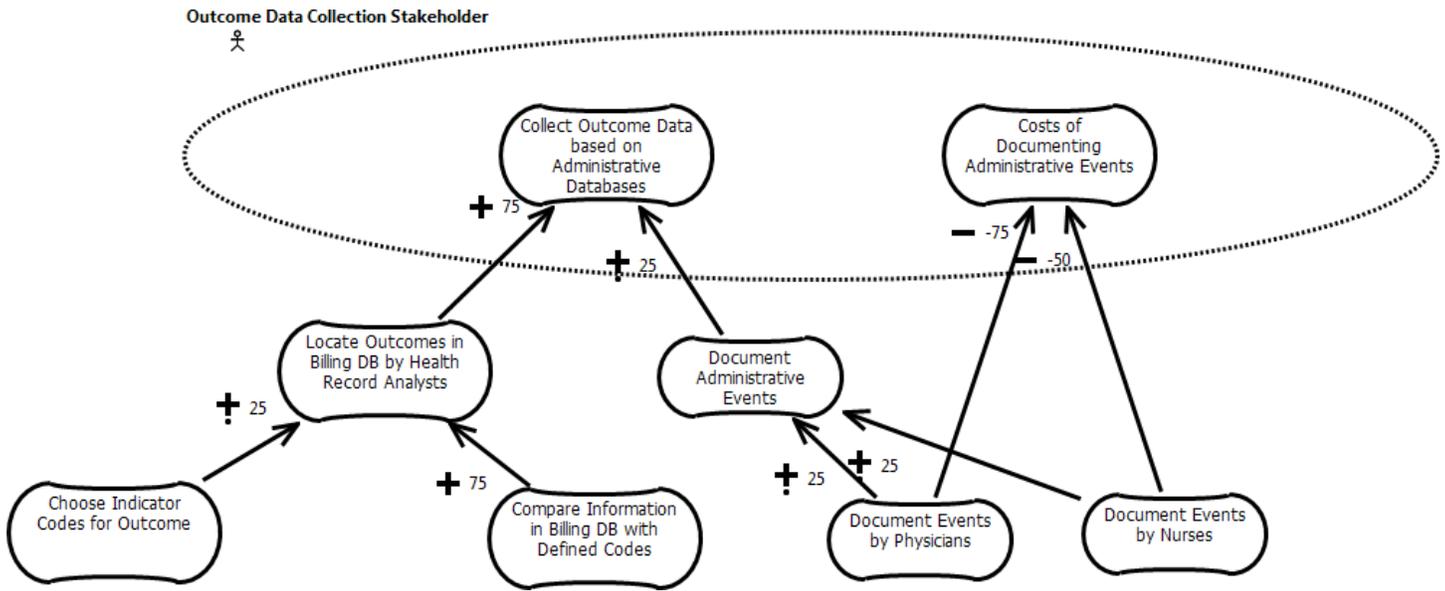


Figure 51 - 1.1.4 Collect Outcome Data based on Administrative DB

1.2.a Collect Process Data by Observation

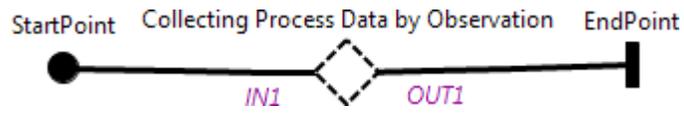


Figure 52 - 1.2.a Collect Process Data by Observation

Stubs

Dynamic Stub - Collecting Process Data by Observation

1.1.a Collect Outcome Data by Observation

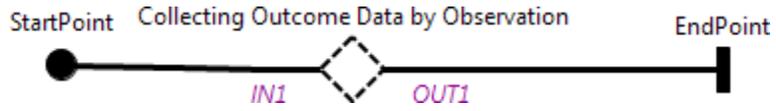


Figure 53 - 1.1.a Collect Outcome Data by Observation

Stubs

Dynamic Stub - Collecting Outcome Data by Observation

1.2.c Collect Process Data based on EHR



Figure 54 - 1.2.c Collect Process Data based on EHR

Stubs

Dynamic Stub - Collecting Process Data based on EHR

2.1.1.a Review Outcome Data _ Virtual

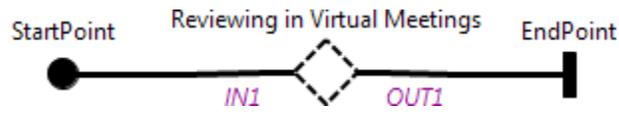


Figure 55 - 2.1.1.a Review Outcome Data _ Virtual

Stubs

Dynamic Stub - Reviewing in Virtual Meetings

1.1.5.b Collect Outcome Data based on EHR Documented by Pharmacy

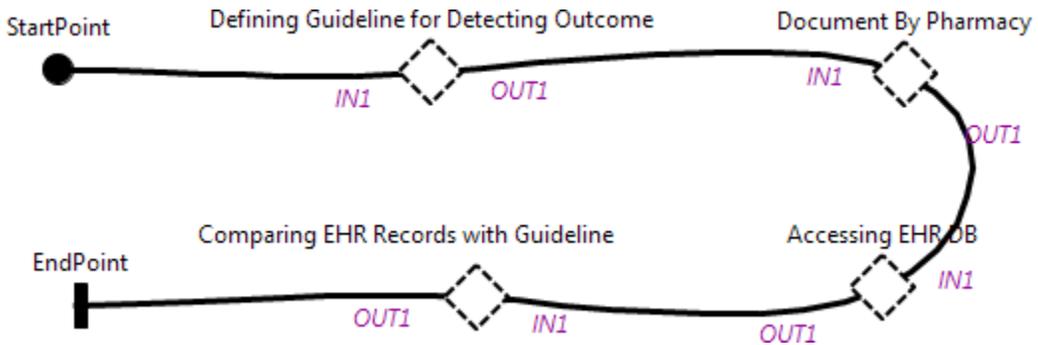


Figure 56 - 1.1.5.b Collect Outcome Data based on EHR Documented by Pharmacy

Stubs

Dynamic Stub - Defining Guideline for Detecting Outcome

Dynamic Stub - Document By Pharmacy

Dynamic Stub - Accessing EHR DB

Dynamic Stub - Comparing EHR Records with Guideline

0 High Level goal _ What Hospital Managers Want

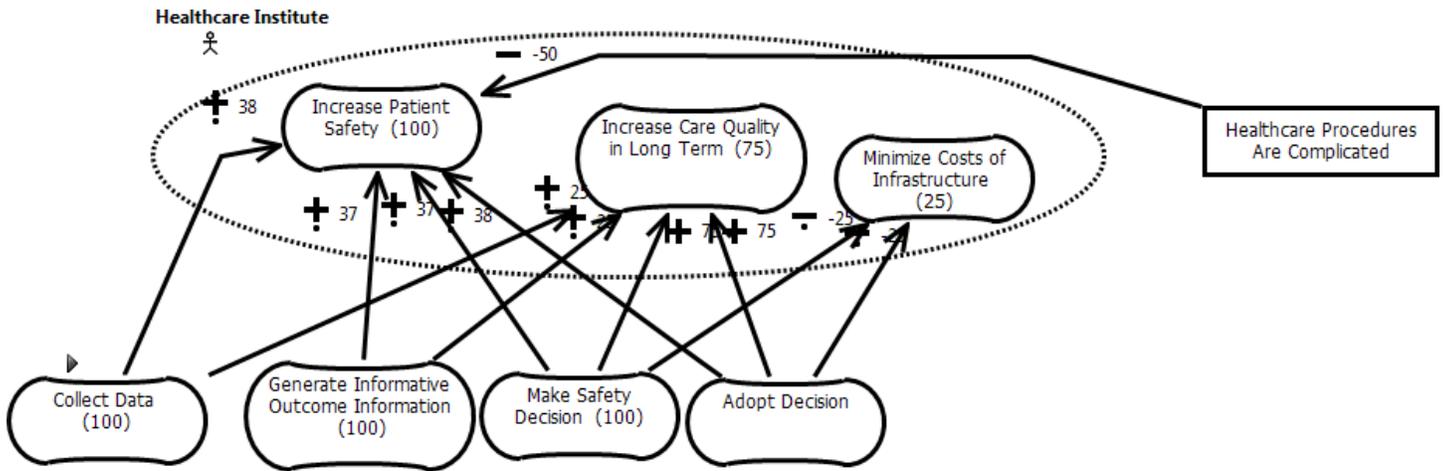


Figure 57 - 0 High Level goal _ What Hospital Managers Want

1.1.5.2.b Compare EHR Records with Guideline _ Automatic

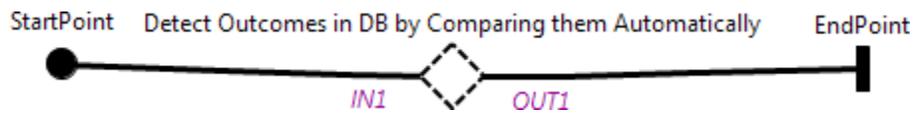


Figure 58 - 1.1.5.2.b Compare EHR Records with Guideline _ Automatic

Stubs

Dynamic Stub - Detect Outcomes in DB by Comparing them Automatically

1.2 Collect Process Data

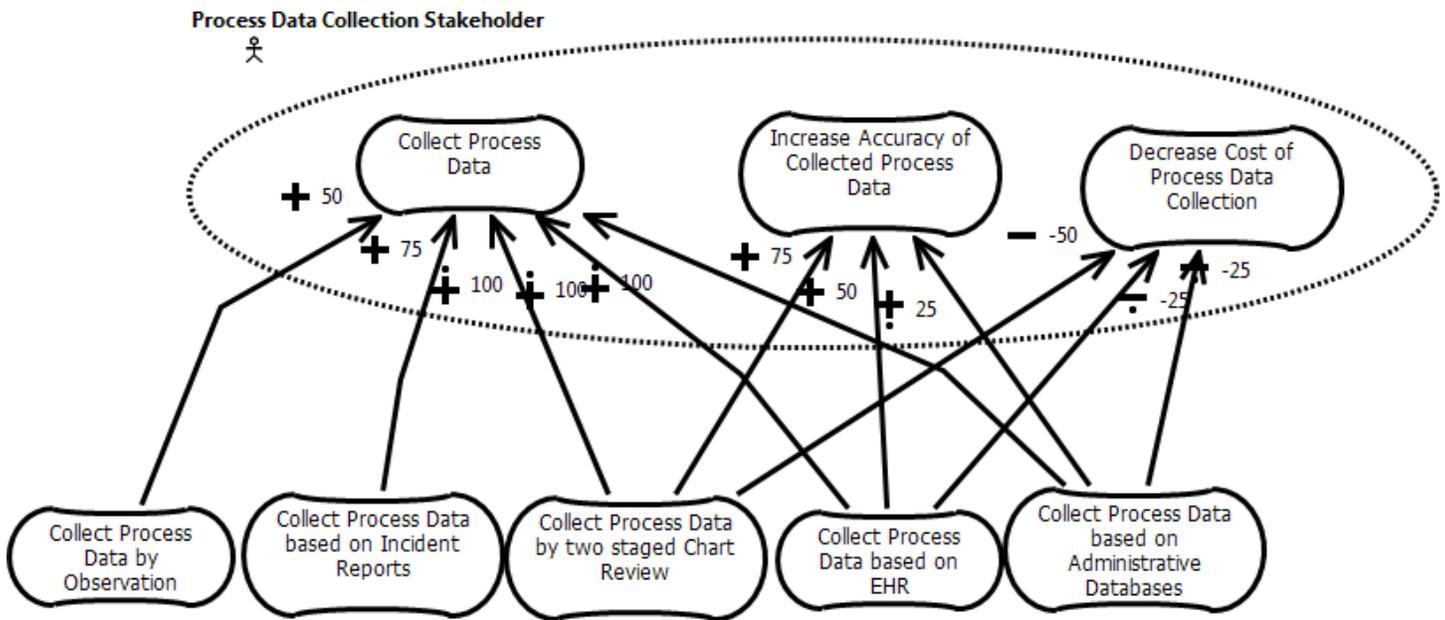


Figure 59 - 1.2 Collect Process Data

4.1.1.b Inform Informally _ Complete

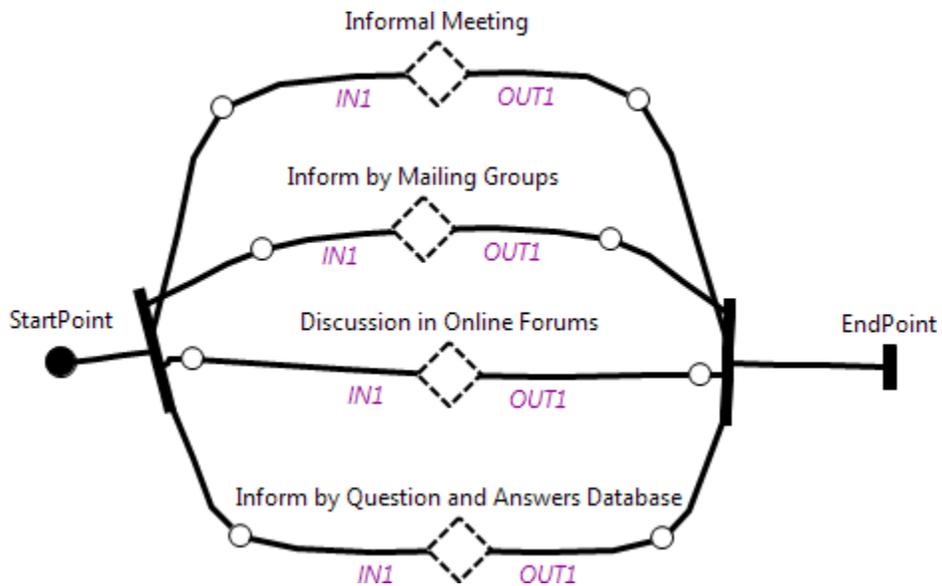


Figure 60 - 4.1.1.b Inform Informally _ Complete

Stubs

Dynamic Stub - Inform by Question and Answers Database

Dynamic Stub - Discussion in Online Forums

Dynamic Stub - Informal Meeting

Dynamic Stub - Inform by Mailing Groups

1.1.3.a Collect Outcome Data by two staged Chart Review

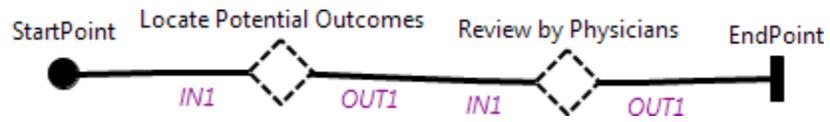


Figure 61 - 1.1.3.a Collect Outcome Data by two staged Chart Review

Stubs

Dynamic Stub - Locate Potential Outcomes

Dynamic Stub - Review by Physicians

1.1.e Collect Outcome Data based on Administrative Databases

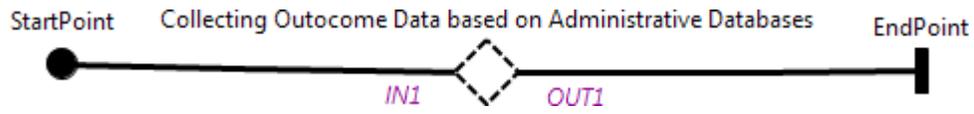


Figure 62 - 1.1.e Collect Outcome Data based on Administrative Databases

Stubs

Dynamic Stub - Collecting Outcome Data based on Administrative Databases

1.2.d Collect Process Data by two staged Chart Review

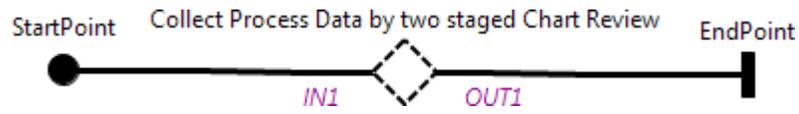


Figure 63 - 1.2.d Collect Process Data by two staged Chart Review

Stubs

Dynamic Stub - Collect Process Data by two staged Chart Review

1.1.4.1.c Using Canadian Codes

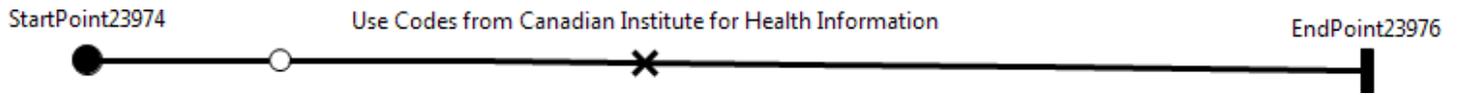


Figure 64 - 1.1.4.1.c Using Canadian Codes

Responsibilities

Use Codes from Canadian Institute for Health Information

2.2.1.a Organize Feedbacks _ Experts

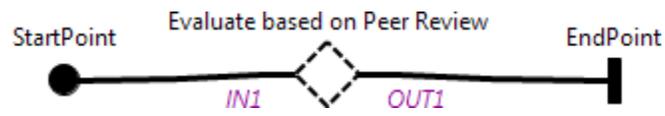


Figure 65 - 2.2.1.a Organize Feedbacks _ Experts

Stubs

Dynamic Stub - Evaluate based on Peer Review

2.1.1 Review Outcome

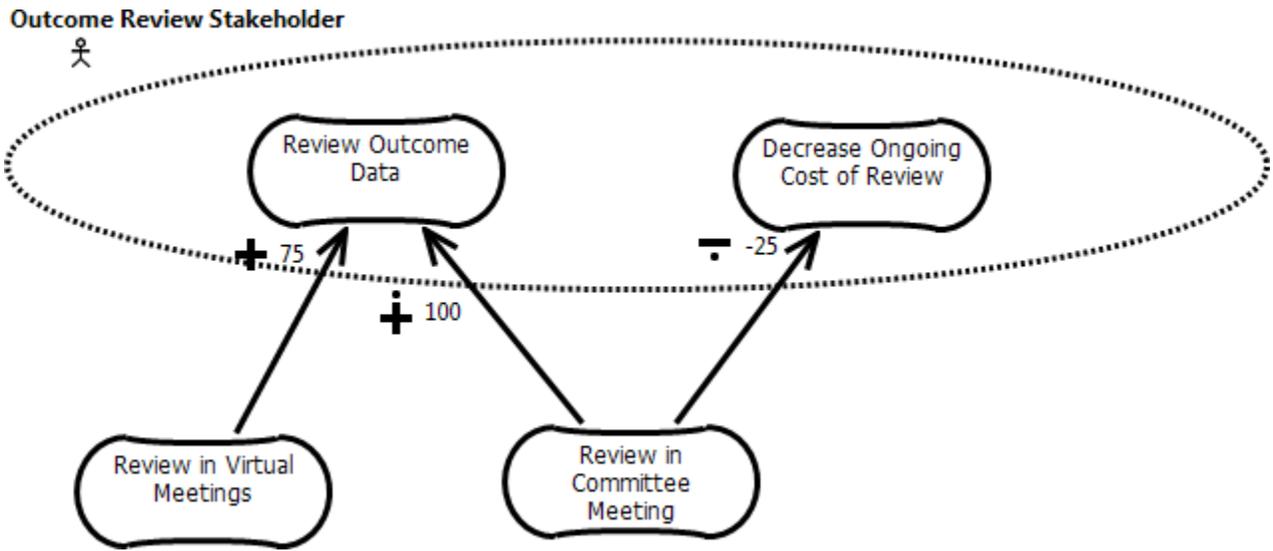


Figure 66 - 2.1.1 Review Outcome

1.1.2.a Collect Outcome Data based on Incident Reports _ Medical Staff

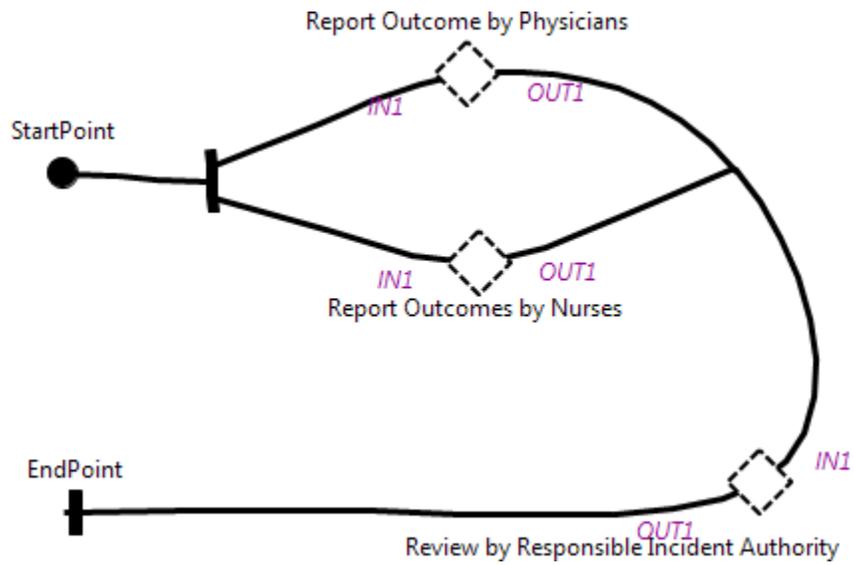


Figure 67 - 1.1.2.a Collect Outcome Data based on Incident Reports _ Medical Staff

Stubs

Dynamic Stub - Report Outcome by Physicians

Dynamic Stub - Review by Responsible Incident Authority

Dynamic Stub - Report Outcomes by Nurses

1.a Collect Data _ Basic Outcome

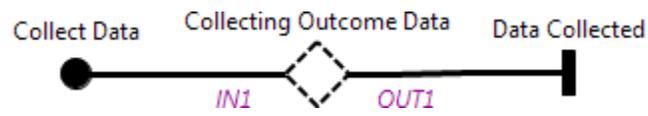


Figure 68 - 1.a Collect Data _ Basic Outcome

Stubs

Dynamic Stub - Collecting Outcome Data

2.c Generate Informative Outcome Information _ Analyze and Experts

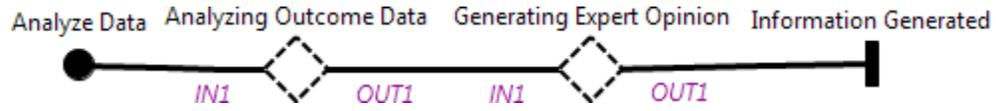


Figure 69 - 2.c Generate Informative Outcome Information _ Analyze and Experts

Stubs

Dynamic Stub - Analyzing Outcome Data

Dynamic Stub - Generating Expert Opinion

2.2.a Sharing with Organizing Feedback

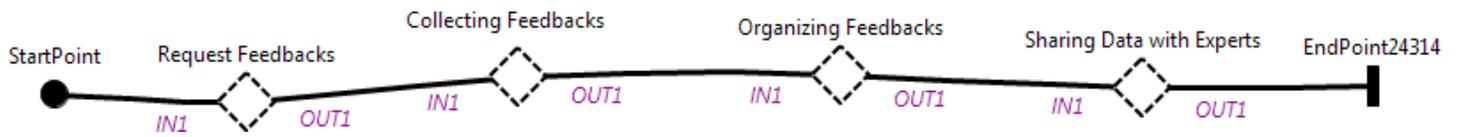


Figure 70 - 2.2.a Sharing with Organizing Feedback

Stubs

Dynamic Stub - Sharing Data with Experts

Dynamic Stub - Collecting Feedbacks

Dynamic Stub - Organizing Feedbacks

Dynamic Stub - Request Feedbacks

1.1.5.1 Accessing EHR DB

EHR DB Stakeholder

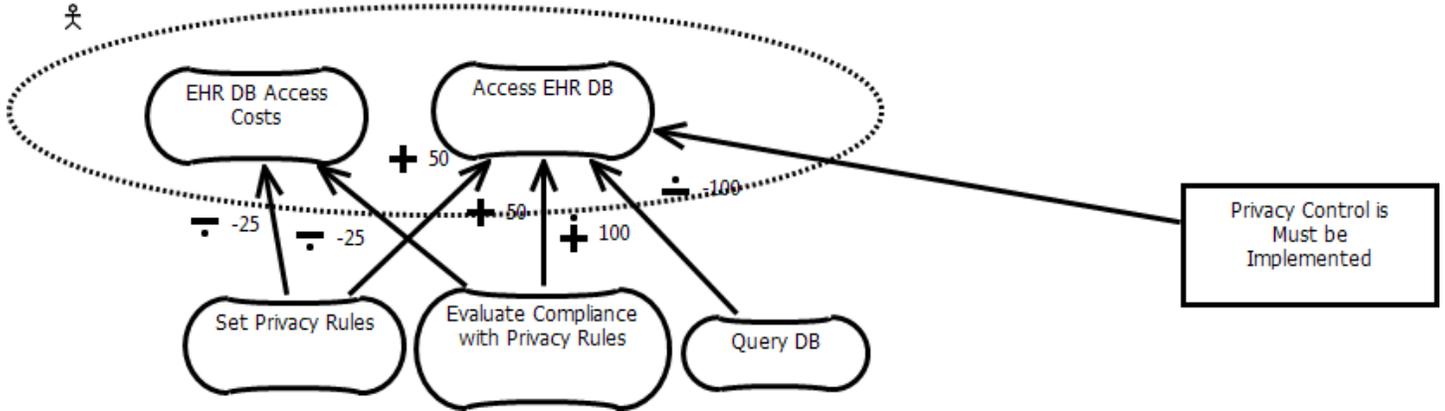


Figure 71 - 1.1.5.1 Accessing EHR DB

1 Collect Data

Data Collection Stakeholder



Figure 72 - 1 Collect Data

1.1.5.c Collect Outcome Data based on EHR Documented by Laboratory and Pharmacy

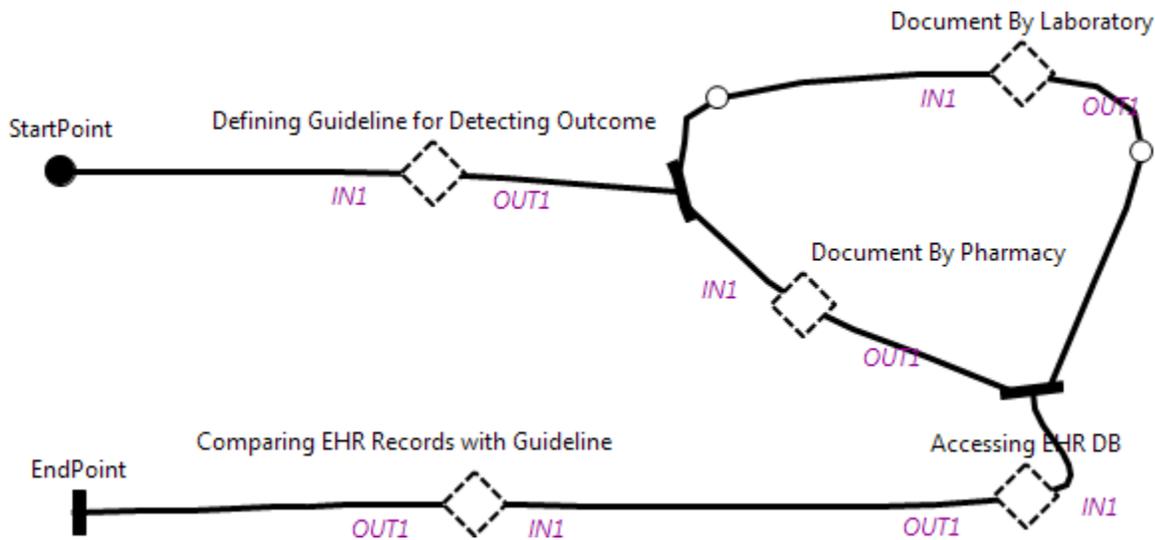


Figure 73 - 1.1.5.c Collect Outcome Data based on EHR Documented by Laboratory and Pharmacy

Stubs

Dynamic Stub - Document By Pharmacy

Dynamic Stub - Defining Guideline for Detecting Outcome

Dynamic Stub - Accessing EHR DB

Dynamic Stub - Comparing EHR Records with Guideline

Dynamic Stub - Document By Laboratory

1.1.3 Collect Outcome Data based on Two_Stage Chart Review

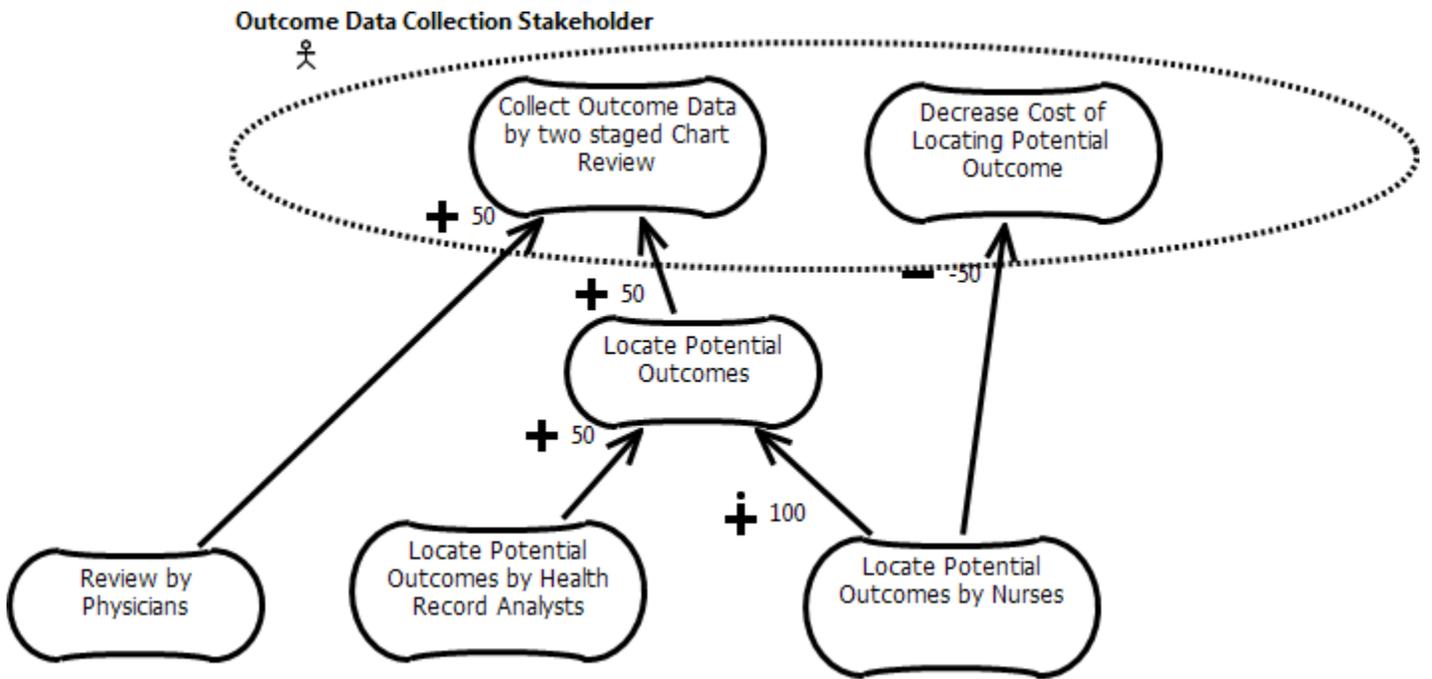


Figure 74 - 1.1.3 Collect Outcome Data based on Two_Stage Chart Review

4.4.a Modify Decisions by Facilitator

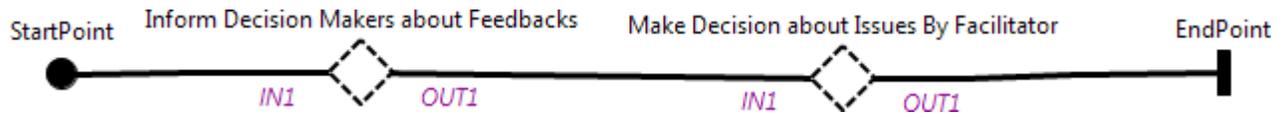


Figure 75 - 4.4.a Modify Decisions by Facilitator

Stubs

Dynamic Stub - Inform Decision Makers about Feedbacks

Dynamic Stub - Make Decision about Issues By Facilitator

2.1.2.a Ad hoc Categorization

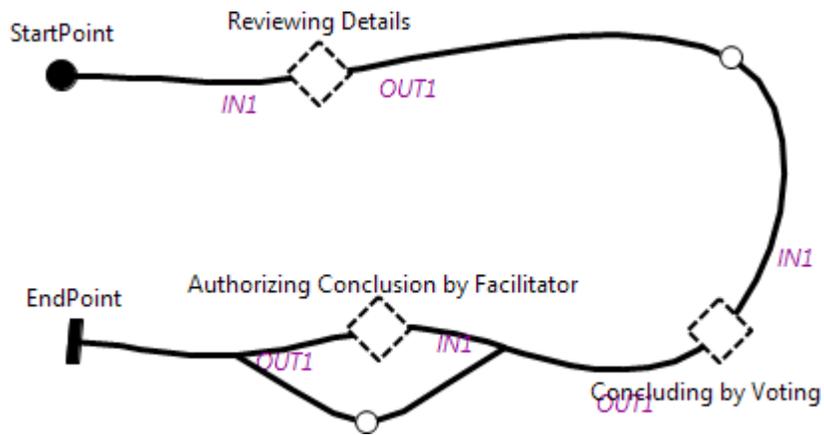


Figure 76 - 2.1.2.a Ad hoc Categorization

Stubs

Dynamic Stub - Reviewing Details

Dynamic Stub - Concluding by Voting

Dynamic Stub - Authorizing Conclusion by Facilitator

Or Fork Description

(probability: 1.0)

(probability: 1.0)

0.a Increase Patient Safety Basic

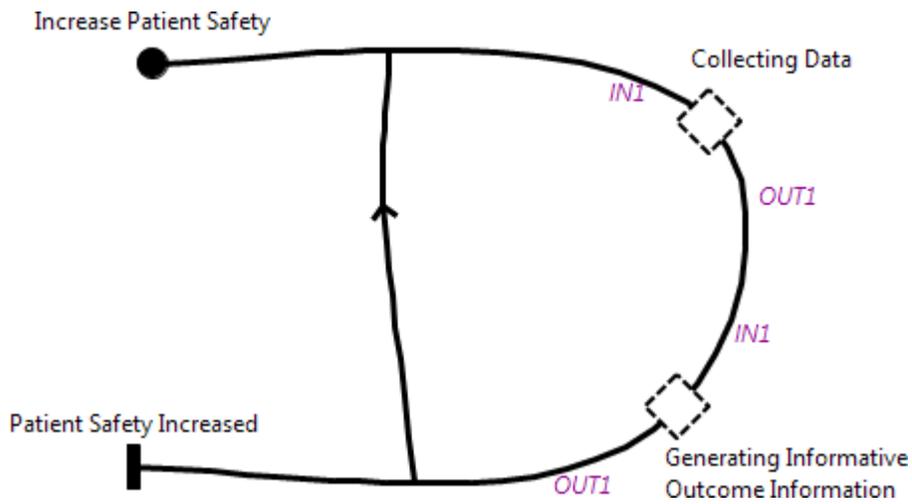


Figure 77 - 0.a Increase Patient Safety Basic

Stubs

Dynamic Stub - Collecting Data

Dynamic Stub - Generating Informative
Outcome Information

Or Fork Description

(probability: 1.0)

(probability: 1.0)

3.3 Inform Decision Makers

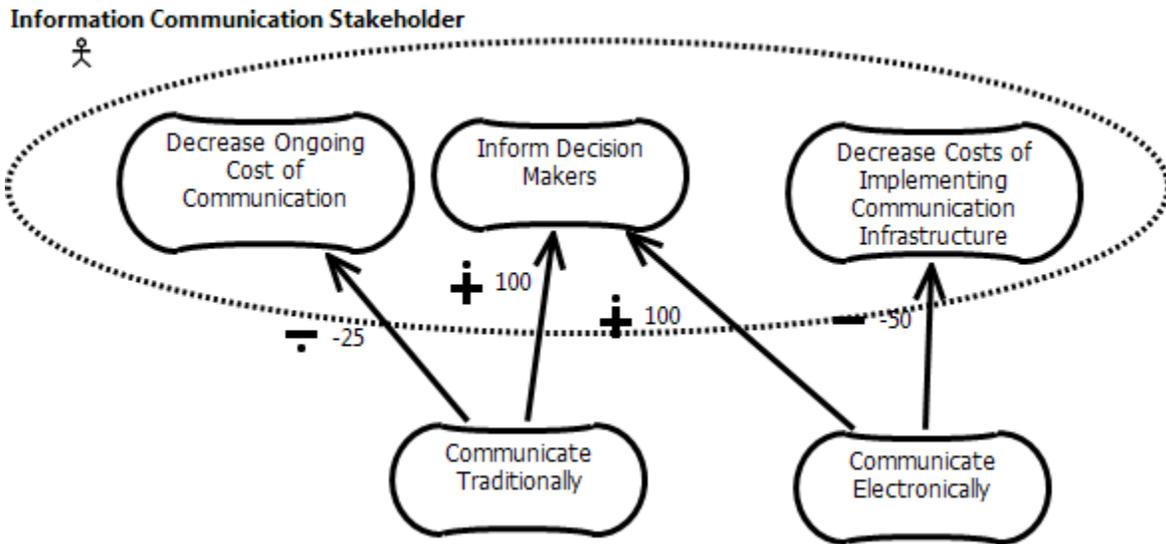


Figure 78 - 3.3 Inform Decision Makers

3.3.b Inform Decision Makers _Electronically

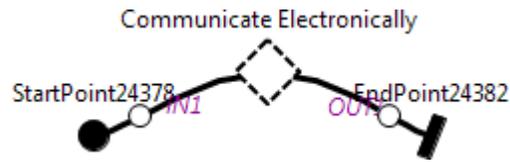


Figure 79 - 3.3.b Inform Decision Makers _Electronically

Stubs

Dynamic Stub - Communicate Electronically

4.4.b Modify Decisions by Committee

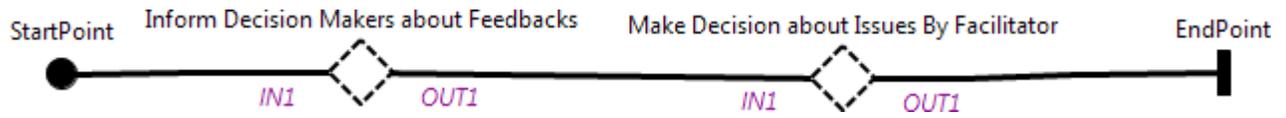


Figure 80 - 4.4.b Modify Decisions by Committee

Stubs

Dynamic Stub - Make Decision about Issues By Facilitator

Dynamic Stub - Inform Decision Makers about Feedbacks

2.1.a Analyze Outcome Data _ Simple

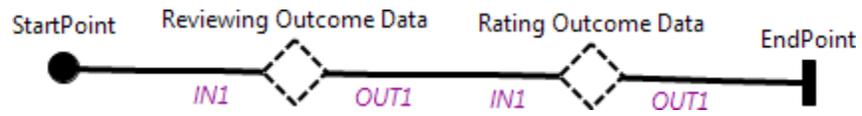


Figure 81 - 2.1.a Analyze Outcome Data _ Simple

Stubs

Dynamic Stub - Reviewing Outcome Data

Dynamic Stub - Rating Outcome Data

4 Adopt Decision

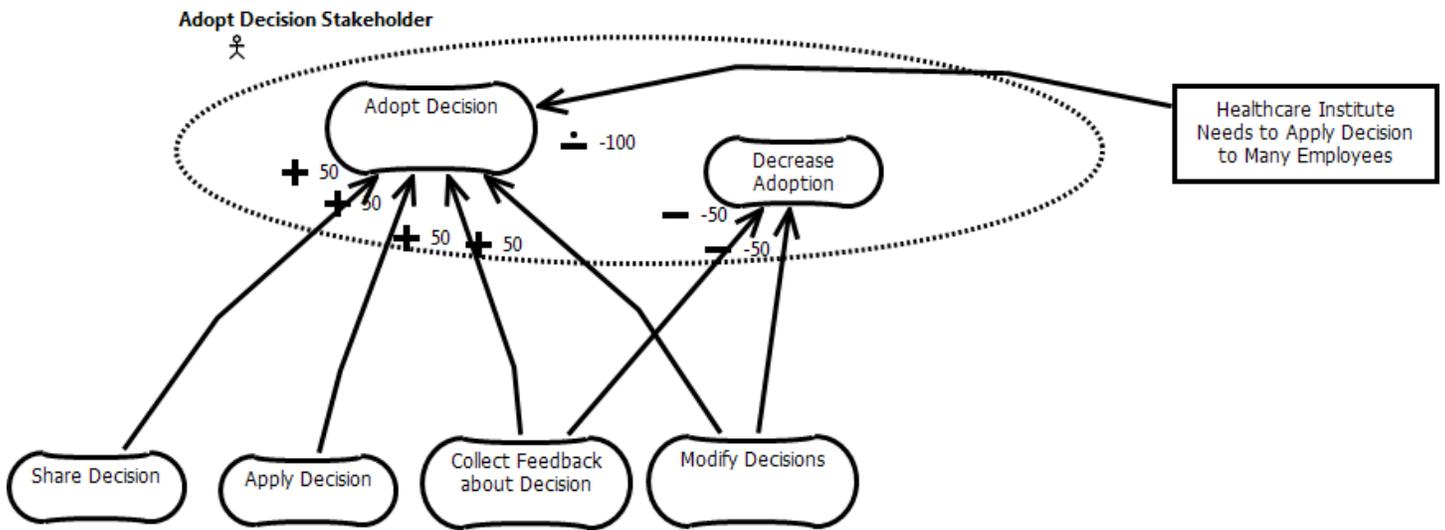


Figure 82 - 4 Adopt Decision

2.2.1 Organize Feedback

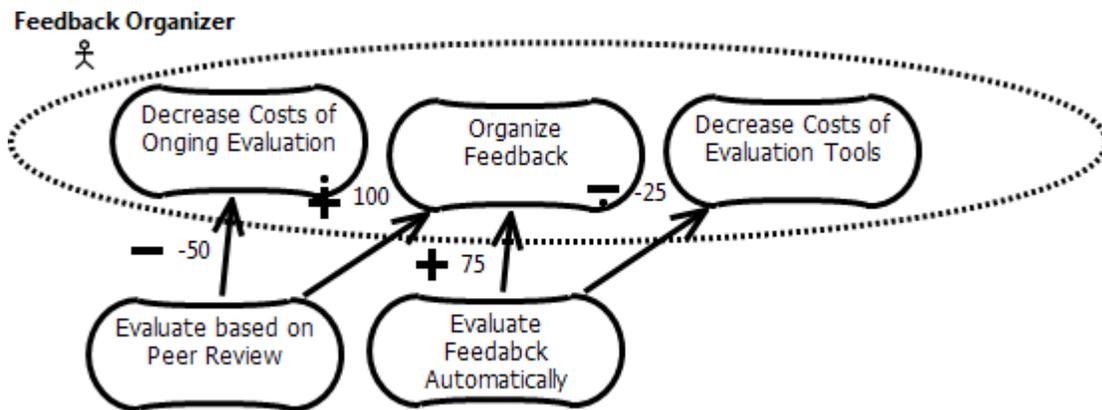


Figure 83 - 2.2.1 Organize Feedback

3.4 Discuss the Issue by Decision Makers

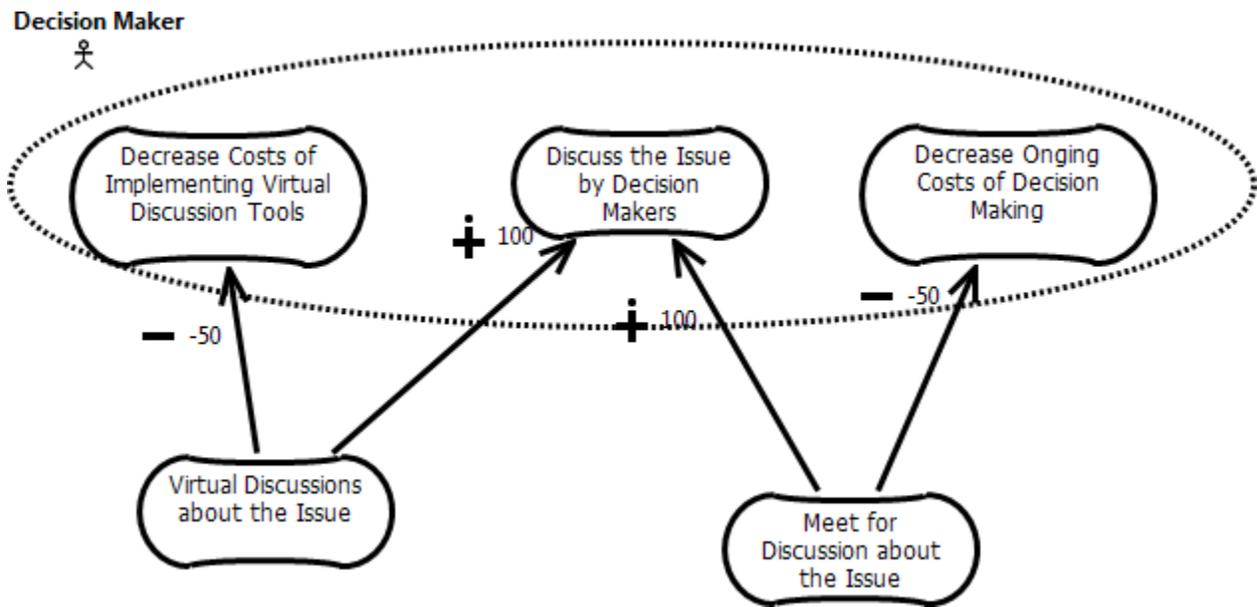


Figure 84 - 3.4 Discuss the Issue by Decision Makers

2.1.b Analyze Outcome Data _ Complete

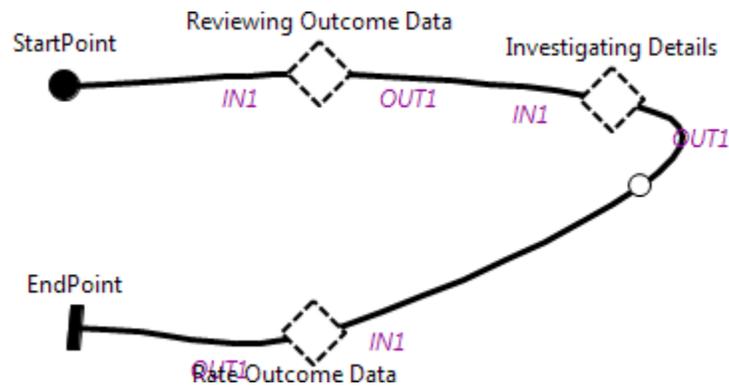


Figure 85 - 2.1.b Analyze Outcome Data _ Complete

Stubs

Dynamic Stub - Reviewing Outcome Data

Dynamic Stub - Investigating Details

Dynamic Stub - Rate Outcome Data

4.3.b Collect Feedback about Decision _ Complete

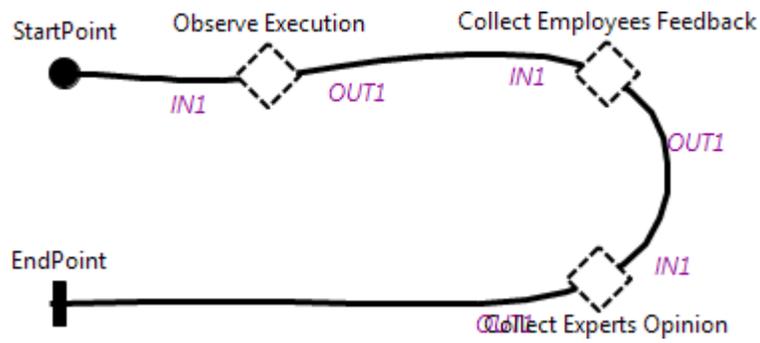


Figure 86 - 4.3.b Collect Feedback about Decision _ Complete

Stubs

Dynamic Stub - Observe Execution

Dynamic Stub - Collect Experts Opinion

Dynamic Stub - Collect Employees Feedback

4.1.2.b Inform Formally _ Complete

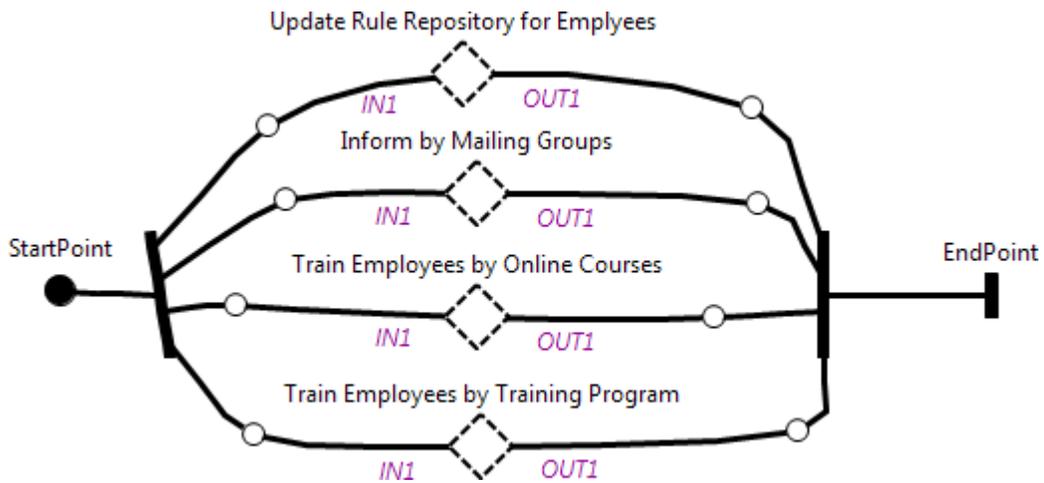


Figure 87 - 4.1.2.b Inform Formally _ Complete

Stubs

Dynamic Stub - Update Rule Repository for Employees

Dynamic Stub - Inform by Mailing Groups

Dynamic Stub - Train Employees by Online Courses

Dynamic Stub - Train Employees by Training Program

1.1.5.2.a Compare EHR Records with Guideline _ Manual

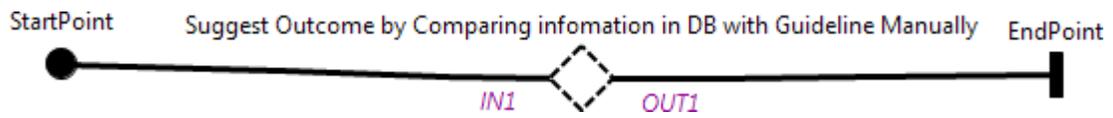


Figure 88 - 1.1.5.2.a Compare EHR Records with Guideline _ Manual

Stubs

Dynamic Stub - Suggest Outcome by Comparing information in DB with Guideline Manually

3.3.a Inform Decision Makers _Traditionally

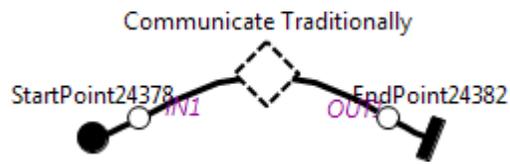


Figure 89 - 3.3.a Inform Decision Makers _Traditionally

Stubs

Dynamic Stub - Communicate Traditionally

2.2.1.b Organize Feedbacks _ Automatic

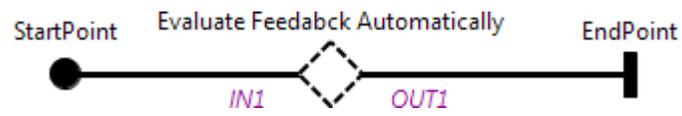


Figure 90 - 2.2.1.b Organize Feedbacks _ Automatic

Stubs

Dynamic Stub - Evaluate Feedabck Automatically

2.1.2.b Guideline Rating of Outcome Data

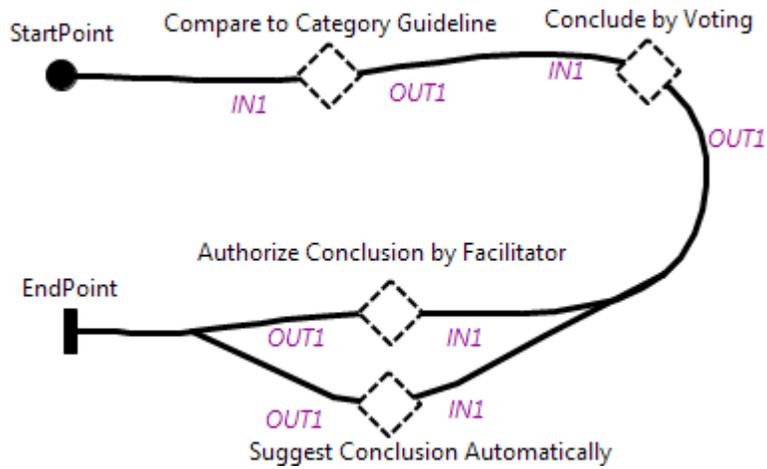


Figure 91 - 2.1.2.b Guideline Rating of Outcome Data

Stubs

Dynamic Stub - Compare to Category Guideline

Dynamic Stub - Suggest Conclusion Automatically

Dynamic Stub - Conclude by Voting

Dynamic Stub - Authorize Conclusion by Facilitator

Or Fork Description

(probability: 1.0)

(probability: 1.0)

1.1.4.1.b Using American Codes

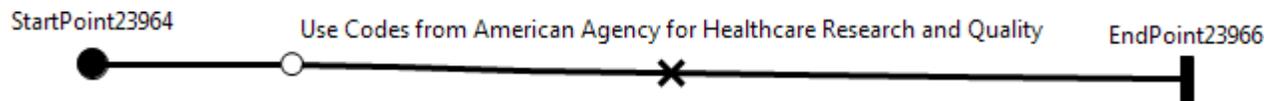


Figure 92 - 1.1.4.1.b Using American Codes

Responsibilities

Use Codes from American Agency for Healthcare Research and Quality

4.4 Modify Decisions

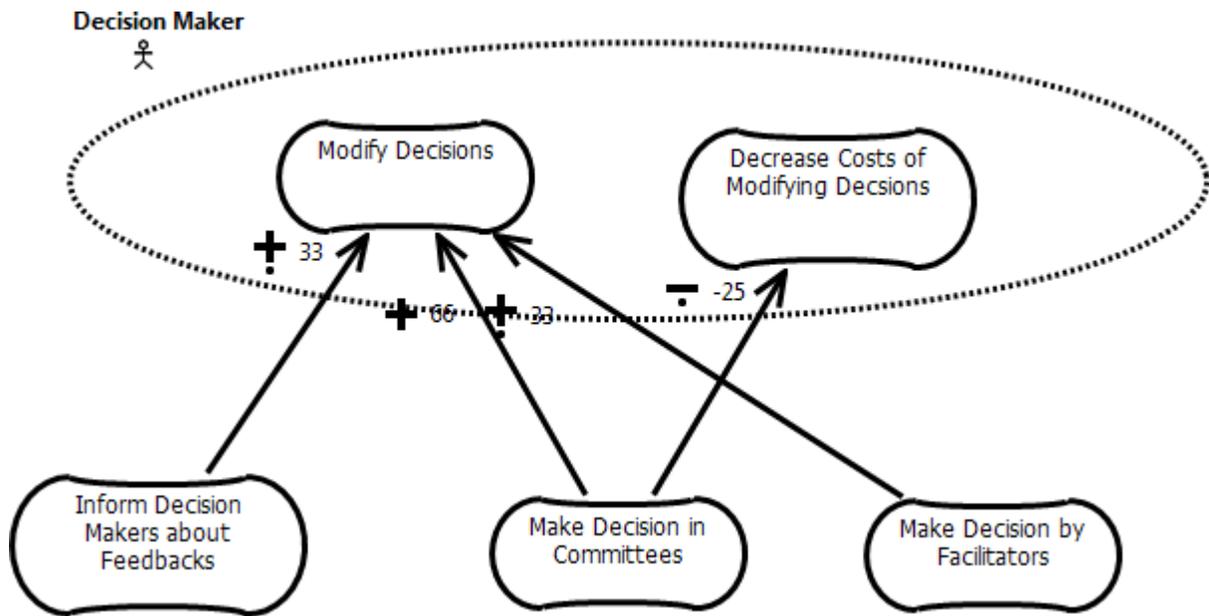


Figure 93 - 4.4 Modify Decisions

1.1.4.1.a Using International Codes

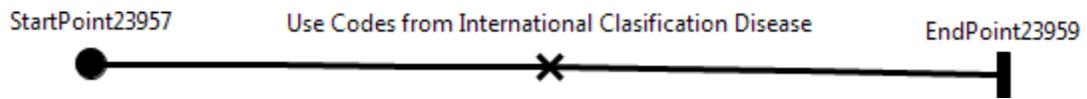


Figure 94 - 1.1.4.1.a Using International Codes

Responsibilities

Use Codes from International Clasification Disease

4.1.1 Inform Informally

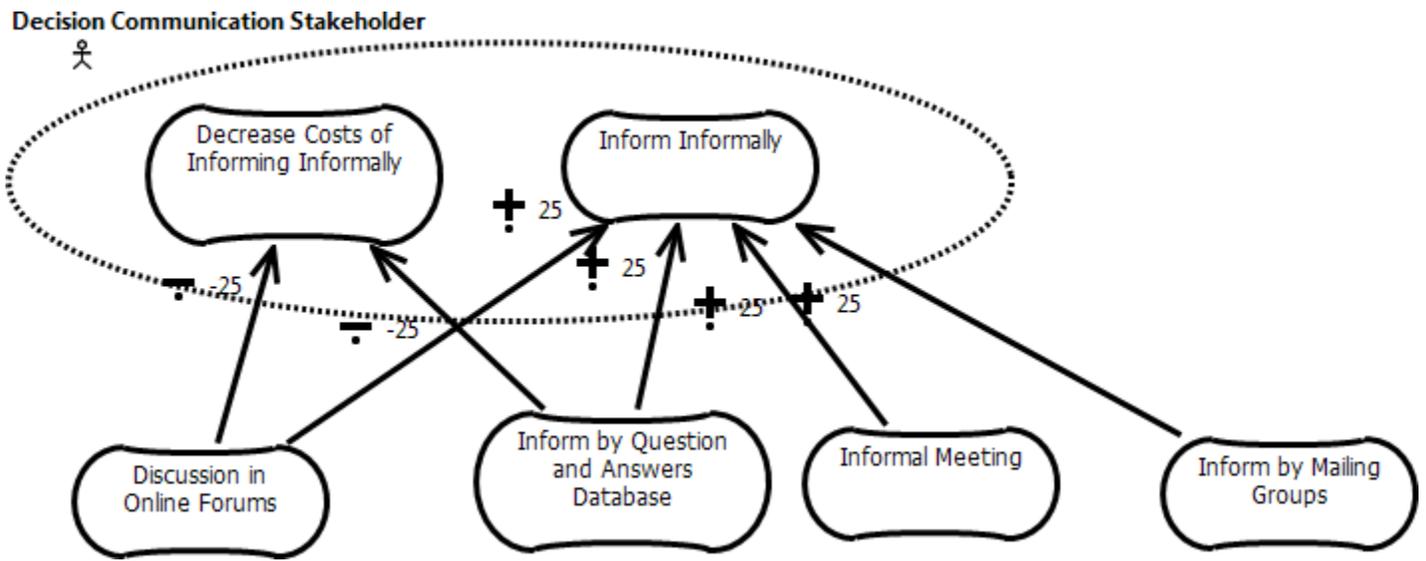


Figure 95 - 4.1.1 Inform Informally

1.b Collect Data _ Basic Process

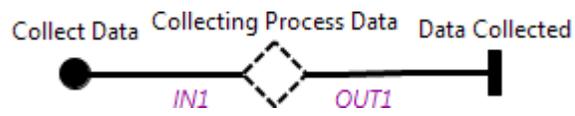


Figure 96 - 1.b Collect Data _ Basic Process

Stubs

Dynamic Stub - Collecting Process Data

1.1.5.a Collect Outcome Data based on EHR Documented by Laboratory

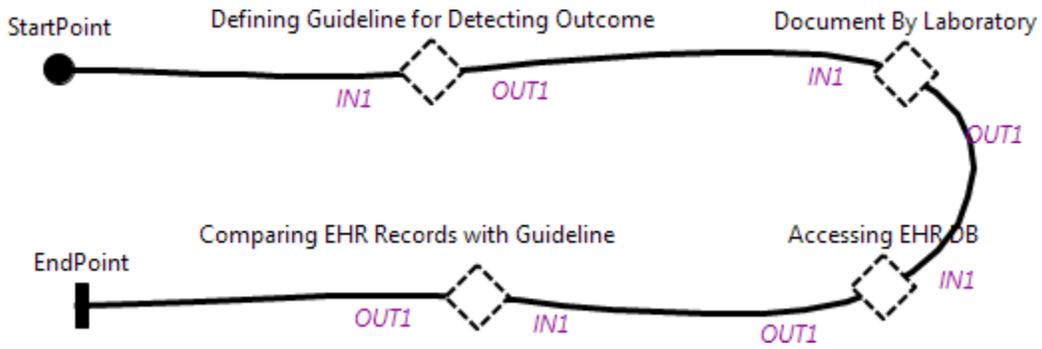


Figure 97 - 1.1.5.a Collect Outcome Data based on EHR Documented by Laboratory

Stubs

Dynamic Stub - Comparing EHR Records with Guideline

Dynamic Stub - Accessing EHR DB

Dynamic Stub - Defining Guideline for Detecting Outcome

Dynamic Stub - Document By Laboratory

1.1.1 Collect Outcome Data by Observation

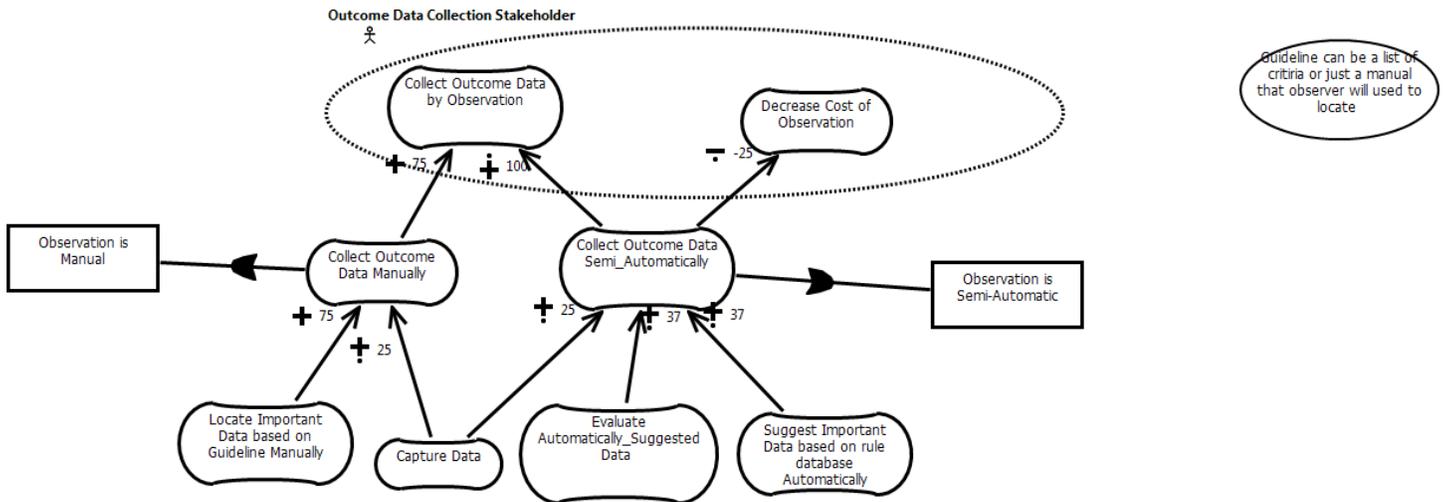


Figure 98 - 1.1.1 Collect Outcome Data by Observation

Beliefs

Belief1098: Guideline can be a list of criteria or just a manual that observer will used to locate

5.b Taking Action with priority



Figure 99 - 5.b Taking Action with priority

Stubs

Dynamic Stub - Prevent Outcome

Dynamic Stub - Prioritize Outcomes

4.3 Collect Feedback about Decision

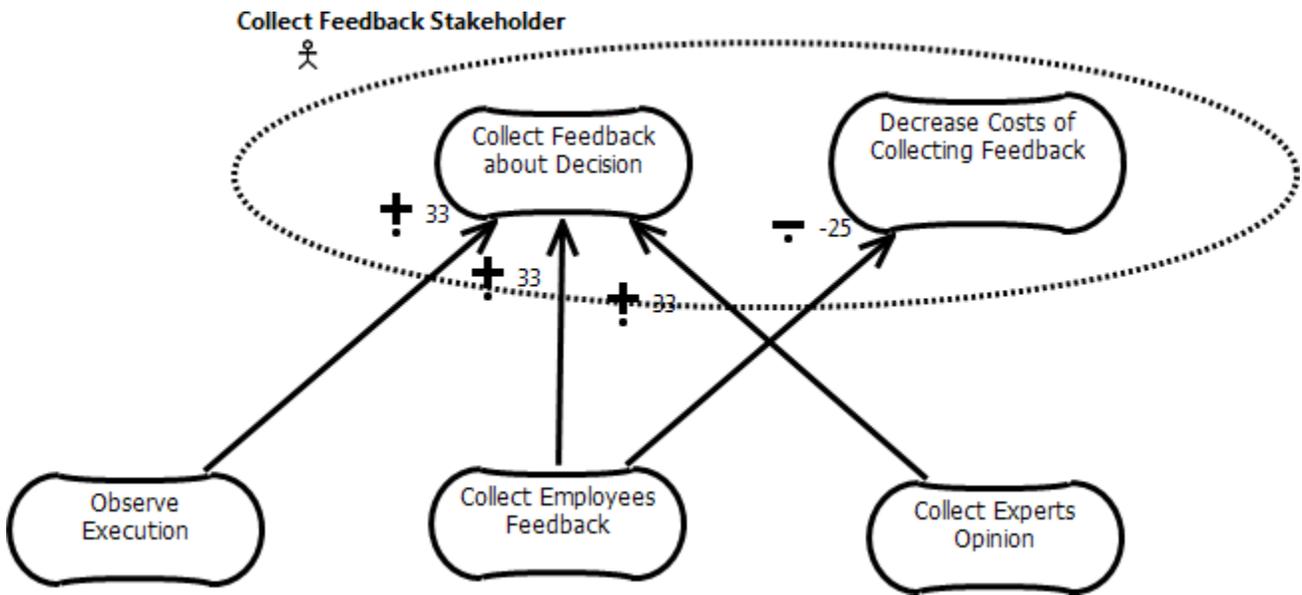


Figure 100 - 4.3 Collect Feedback about Decision

4.b Comprehensive Decision Adoption

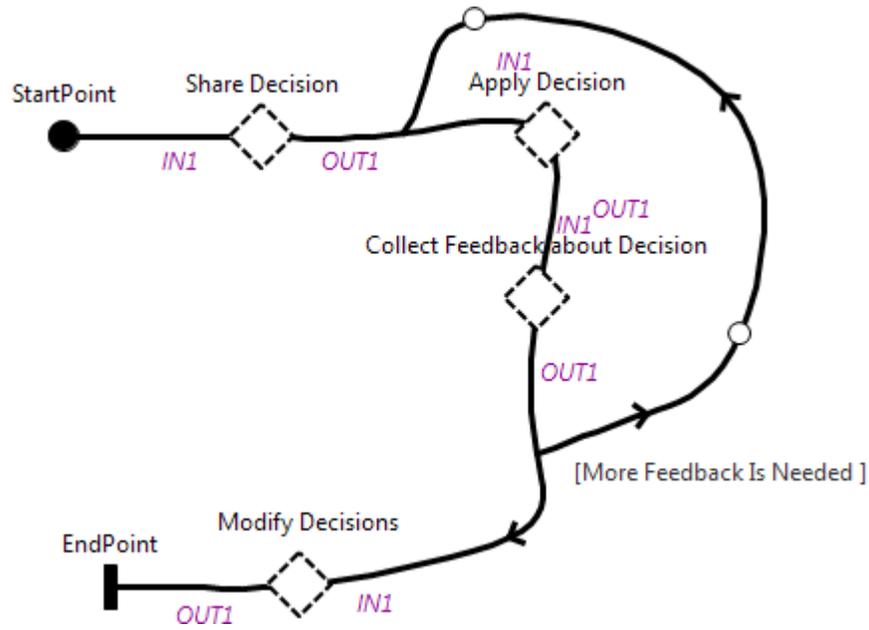


Figure 101 - 4.b Comprehensive Decision Adoption

Stubs

Dynamic Stub - Share Decision

Dynamic Stub - Apply Decision

Dynamic Stub - Collect Feedback about Decision

Dynamic Stub - Modify Decisions

Or Fork Description

(probability: 1.0)

[More Feedback Is Needed] ==> true (probability: 1.0)

4.1.2.a Inform Formally _ Simple

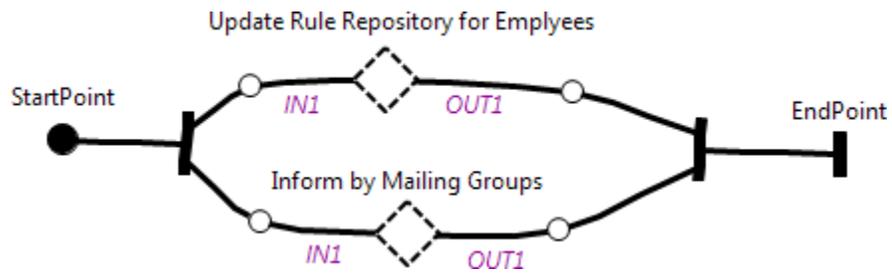


Figure 102 - 4.1.2.a Inform Formally _ Simple

Stubs

Dynamic Stub - Inform by Mailing Groups

Dynamic Stub - Update Rule Repository for Employees

1.1.d Collect Outcome Data by two staged Chart Review

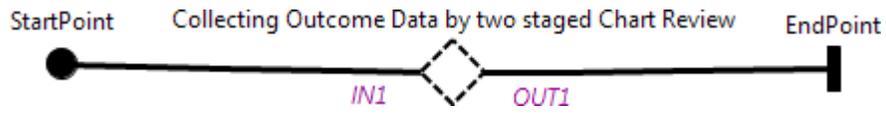


Figure 103 - 1.1.d Collect Outcome Data by two staged Chart Review

Stubs

Dynamic Stub - Collecting Outcome Data by two staged Chart Review

1.1.c Collect Outcome Data based on EHR

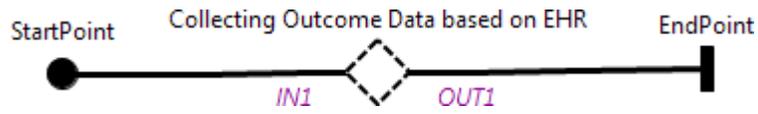


Figure 104 - 1.1.c Collect Outcome Data based on EHR

Stubs

Dynamic Stub - Collecting Outcome Data based on EHR

2 Generate Informative Outcome Information

Information Generation Stakeholder

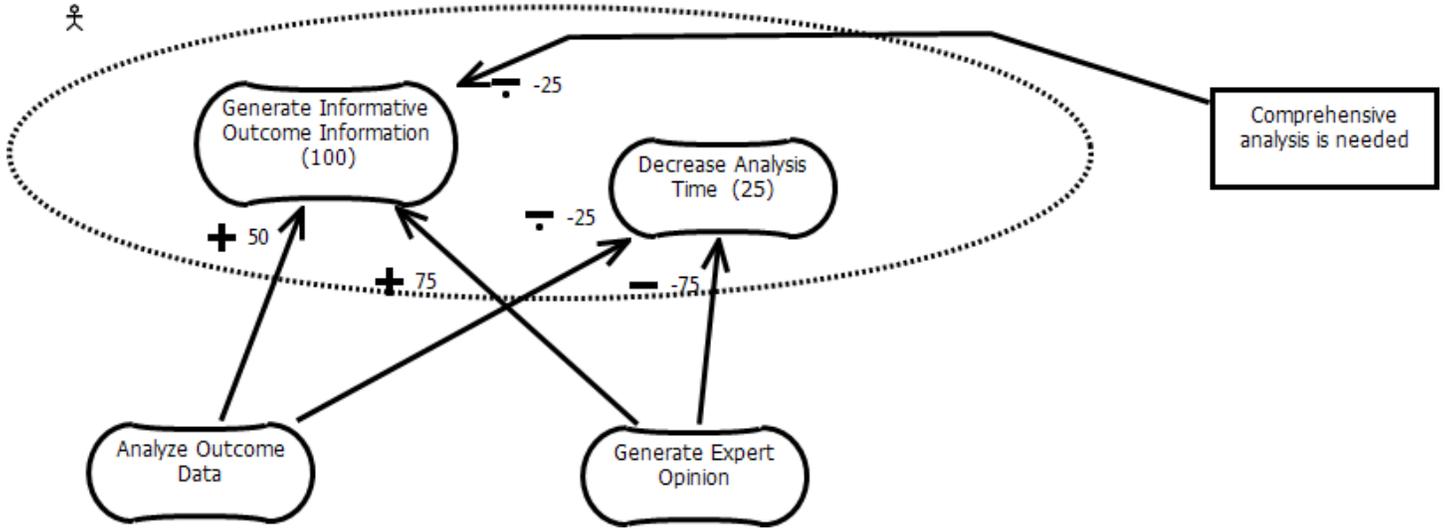


Figure 105 - 2 Generate Informative Outcome Information

4.1.1.a Inform Informally _ Simple

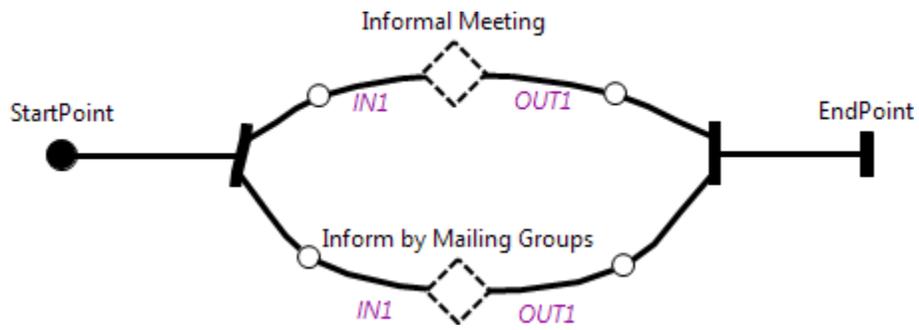


Figure 106 - 4.1.1.a Inform Informally _ Simple

Stubs

Dynamic Stub - Inform by Mailing Groups

Dynamic Stub - Informal Meeting

1.1.5 Collect Outcome Data based on EHR

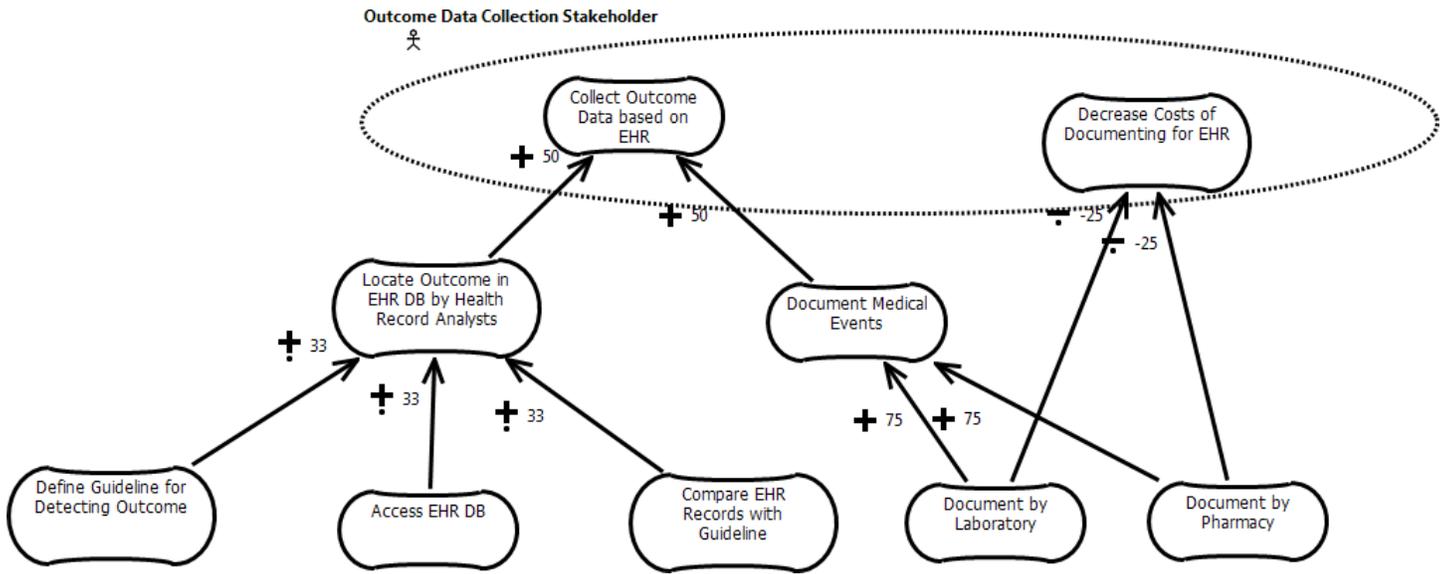


Figure 107 - 1.1.5 Collect Outcome Data based on EHR

1.1.4.2.a Compare Information in Billing DB with Defined Codes _ Automatically

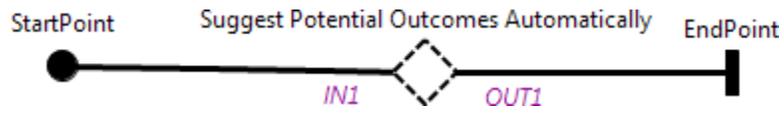


Figure 108 - 1.1.4.2.a Compare Information in Billing DB with Defined Codes _ Automatically

Stubs

Dynamic Stub - Suggest Potential Outcomes Automatically

3.1.a Analyze Outcome Information Database by Analysts _ Simple

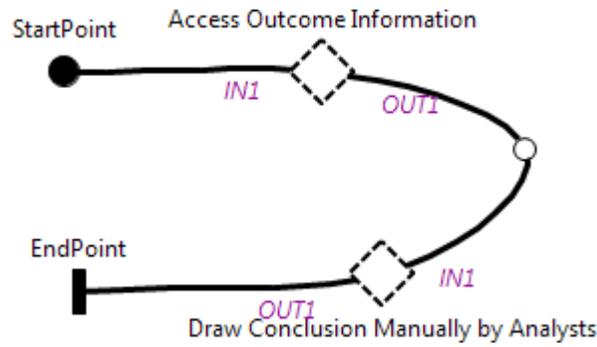


Figure 109 - 3.1.a Analyze Outcome Information Database by Analysts _ Simple

Stubs

Dynamic Stub - Access Outcome Information

Dynamic Stub - Draw Conclusion Manually by Analysts