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## AHRQ Safety Program for Improving Surgical Care and Recovery Implementation Assessment

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### PART 1: Interview Format

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1. I am interested in hearing about your experience with the implementation of enhanced recovery practices so far.
  - a. What has gone well?
  - b. What has not gone well?
2. To what extent have the elements of the program's pathway been implemented as planned?
3. Have any of these pathway elements been adapted to fit your local setting? Can you please describe these adaptations?
4. Were any pathway elements *not* implemented? Why not?
5. What resources has your institution provided for implementing enhanced recovery?
  - a. [PROBE: added staff, time, finances, EHR changes, data reporting]
6. Has your hospital's executive team played an active role in the implementation process?
  - a. [IF YES]: How so?
  - b. [IF NO]: What barriers may have prevented them from engaging more fully?
7. Can you describe the process of how an enhanced recovery-related issue is escalated up the chain of command? How are updates/information then fed back to the frontline?
8. How often did the program's implementation team meet? Did all discipline champions regularly attend the meetings? If not, did the anesthesia, nurse, or surgeon champion send someone to cover for them?

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9. Who do you think has been most influential in supporting program-related efforts in your hospital? What about these individuals made them influential (e.g., their role, specific behaviors)? Were any of these influential individuals not official project champions?
10. Who do you think has been most influential in challenging program-related efforts in your hospital? Can you describe what strategies have and haven't worked in terms of bringing these "resistors" on board?

### Consult calls with ISCR nurse consultant <name>.

11. Did you speak with <name> during the enrollment phase of this program? Did you find that conversation helpful? If so, what about the call was helpful?

### ISCR training events

12. Did you participate in the training event in New York City (Y N), or another training event hosted by a coordinating entity (Y N)? If so, did you find that training helpful? What about the training did you like/dislike?

### Safety Culture Survey

Safety Culture Survey	Did you complete the following through this program?	If yes, did this help with implementing the enhanced recovery elements? How?
Safety culture survey administration	Yes____ No____	
Safety culture survey debrief	Yes____ No____	

### ISCR Program tools

Tools	Did you use any of the following program tools?	If yes, was it helpful and why?	If no, why was the tool not used?
Building your core team	Yes____ No____		
ISCR Pathway	Yes____ No____		
ISCR Implementation Guide	Yes____ No____		
Sample ISCR Pathway Checklist	Yes____ No____		
Engaging Frontline Staff with Process and Outcome Data	Yes____ No____		
Sample Pathway Grid for Staff Education	Yes____ No____		
Sample Patient Education Booklet	Yes____ No____		

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Sample Enhanced Recovery Poster	Yes____ No____		
Sample ISCR Pocket Card	Yes____ No____		
Guide to Engaging Patients and Families in ISCR	Yes____ No____		
Sample Presentation for Senior Executive	Yes____ No____		
Red light, green light: An overview of common enhanced recovery implementation barriers and facilitators	Yes____ No____		

### ISCR Webinars

Webinars	Did you or your team members participate in the following program webinars?	If yes, how many team members participated on average?	If yes, did you find the webinar helpful? How was it helpful? What would you change or add?	If no, why was your team not able to attend?
Welcome webinar	Yes____ No____			
Coaching calls (monthly)	Yes____ No____ If yes, circle number of events attended: 1-2   3-4   5-6 7-8   9 or more			
Ask ISCR calls (monthly)	Yes____ No____ If yes, circle number of events attended: 1-2   3-4   5-6 7-8   9 or more			
National Leaders Webinars*	Yes____ No____ If yes, circle number of events attended: 1   2   3   4   5			

\* (e.g., Strategies for harnessing the EHR for enhanced recovery; Multimodal analgesia: How I do it; Perioperative glucose management: Making it work for enhanced recovery; Tips for working with the C suite from the other side; Patient and family engagement strategies)

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### ISCR Evidence Reviews

<b>Evidence Reviews</b>	Did you use any of the following program tools?	If yes, was it helpful and why?	If no, why was the tool not used?
Evidence Review Anesthesia	Yes____ No____		
Evidence Review Surgery	Yes____ No____		
Evidence Review_Adaptive	Yes____ No____		

13. Do you have any suggestions for any changes or additions to the ISCR program and materials that would make it most useful?
14. Did you use any of the Sharing Library Tools (Y N)? If yes, which tools were most helpful?
15. Did you implement learning from defects? If yes, has it been useful? If not implemented, was there a reason?
16. Is the experience of working on enhanced surgical care and recovery like other improvement efforts the hospital has undertaken, or different? How so?
17. Have you made any plans for sustaining enhanced surgical care and recovery over the long term?
18. Lastly, what would you recommend to other hospitals trying to implement enhanced surgical care and recovery?
19. Thank you for your time. Is there anything else you would like to share?

**PART 2: Survey format**

Which of the following enhanced recovery pathway elements has your hospital implemented:

	<b>Intervention component</b>	<b>Most of the time</b>	<b>Some of the time</b>	<b>About 50% of the time</b>	<b>Infrequently</b>	<b>Almost never</b>
<b>Preoperative</b>						
1	Patient Education	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Immediate Preoperative</b>						
2	Preoperative Mechanical Bowel Prep and Preoperative Oral Antibiotics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Preoperative Bathing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Reduced Fasting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Carbohydrate Loading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Multimodal Pre-Anesthesia Medication	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Mu Opioid Antagonists (Alvimopan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Glucose Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Normothermia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Intraoperative</b>						
10	Prophylactic Antibiotics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	Preoperative VTE Prophylaxis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Skin Preparation with an alcohol-containing agent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Euvolemia - Fluids/Goal-Directed Fluid Therapy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Normothermia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Avoid Drains/nasogastric tubes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Use of Regional Anesthesia-Standard Intraoperative Anesthesia Pathway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Postoperative</b>						
17	First Postoperative VTE Chemoprophylaxis Dose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Standard Postoperative Multimodal Analgesic Regimen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Early postoperative feeding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Early postoperative day 1 mobilization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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21	Early Urinary Bladder Catheter Removal postoperative day 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Early IV Fluid Discontinuation postoperative day 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. In the past nine months, how often did each of the following factors slow your team's progress in implementing the enhanced surgical care and recovery pathway?

	Never/ Rarely	Occasionally	Frequently	Almost Always
Insufficient knowledge of evidence supporting interventions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Leadership support issues</i>				
Not enough leadership support from executives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not enough leadership support from surgeons	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not enough leadership support from anesthesiologists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not enough leadership support from nurses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Insufficient autonomy/authority	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Team skills and cohesion issues</i>				
Lack of quality improvement skills	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Confusion about how to proceed with enhanced surgical care and recovery activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lack of team member consensus regarding goals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inability of team members to work together	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Stakeholder push-back issues</i>				
Not enough buy-in from surgery staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not enough buy-in from anesthesiology staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not enough buy-in from nursing staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Not enough buy-in from other staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<i>Workload and time issues</i>				
Not enough time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Staff turnover on unit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data collection burden for staff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Problems with data systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Competing priorities or distractions (e.g., new EMR, accreditation visit)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>