ASPIRE Quality Committee Meeting

January 23rd 2017





Agenda

- Matters arising
- QCDR
- Provider performance summary in Dashboard
- Failed case review update
- Provider feedback email update
- Measure updates
 - NMB 01
 - Cards 01
- New measures
 - PONV, Temperature (outcome), PACU Handoff
- Pediatric measure subgroup
- Site proposed measure program





Approve Minutes

• From November 28th, 2016





Upcoming Events

Friday, April 28, 2017

 MSQC/ASPIRE Meeting Schoolcraft College Livonia, MI

Friday, July 21, 2017

 ASPIRE Meeting Lansing Community College Lansing, MI

Friday, October 20, 2017

 MPOG/ASPIRE Retreat Boston, Massachusetts





QCDR

- 2016 data submission in progress
- All 2015 providers accepted without penalty
- 2017 participants Site and participant agreements will be updated and sent out shortly
- If you have not participated in past, and are planning to do so, please let Katie B know





Performance summary in ASPIRE Dashboard

- Identified or Anonymized? Or both?
- Current functionality vs. future



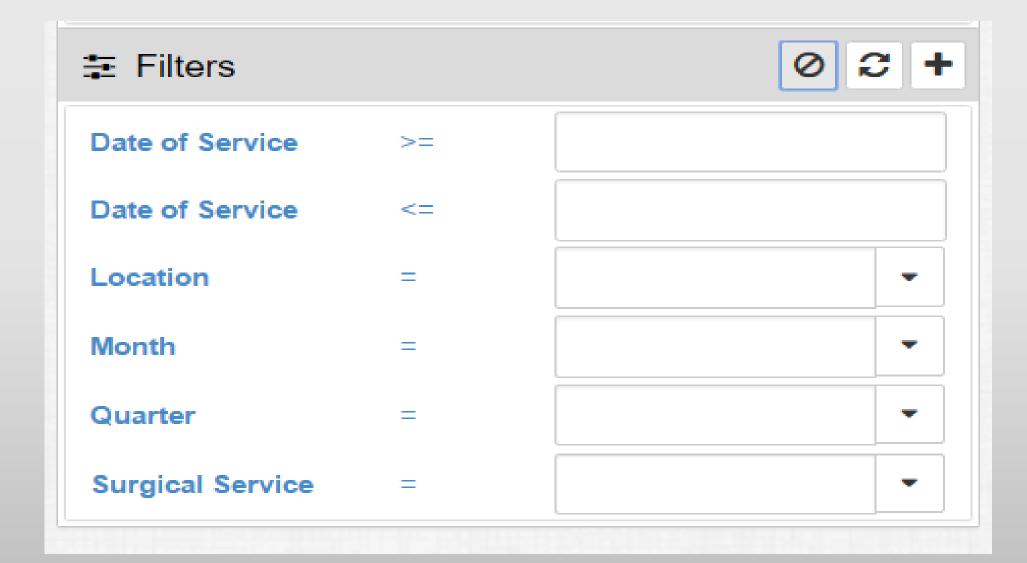


NMB-01 Performance by	Provider				±
Responsible Provider	% Passed	Cases Passed	Cases Failed	Cases Included	% of Institution Fails
Lindsey, Felipe	0%	0	2	2	0%
Villegas, Stefanie	28%	5	13	18	2%
Sandoval, Camille	33%	6	12	18	2%
Owens, Jocelyn	50%	3	3	6	0%
Zamora, Gabriel	50%	2	2	4	0%
Mooney, Kelly	60%	15	10	25	1%
Orozco, Nicole	60%	18	12	30	2%
Blanchard, Lawrence	62%	21	13	34	2%
Wallace, Rosa	63%	10	6	16	1%
Chang, Joey	65%	22	12	34	2%
Reeves, Lana	65%	15	8	23	1%
Bowen, Patrice	67%	14	7	21	1%
Collier, Arthur	67%	14	7	21	1%
Estes, Janet	67%	4	2	6	0%
Snow, Justin	67%	6	3	9	0%
Waters, Oliver	67%	2	1	3	0%
Glenn, Carlos	70%	16	7	23	1%
Lang, Gerardo	70%	23	10	33	1%

Links to failed cases report and Caseviewer

Failed NMB-01 Cases								
Link to Case	Date of Service	Procedure S	Surgical Service	Operating Room	Last NMB Dose	First Extubation	MPOG Case ID	Responsible Provider
View Case	7/27/2016 3:30 AM	BILATERAL HEEL CORD LENGTHENIN BILATERAL HAMSTRING LENGTHENING OR RELEASE	Orthopedics	M-OR 06	3:42 AM	6:00 AM	a8ef102c-a254-e611- 9b34-00215a9b0a8c	Villegas, Stef
View Case	6/1/2016 3:45 AM	MULTIPLE SITES RESTORATIONS AND EXTRACTIONS PEDIATRIC	Dentistry	M-PR 04	3:50 AM	5:53 AM	c05721d3-a028- e611-a5fe- 00215a9b0a8c	Villegas, Stef
View Case	5/3/2016 6:00 AM	BILATERAL LEFORT OSTEOTOMY	ral / Maxillo	M-OR 13	6:45 AM	9:09 AM	ecca7b1c-d711-e611- b31b-00215a9b0a8c	Villegas, Stef
View Case	4/26/2016 3:30 AM	BILATERAL LEFORT OSTEOTOMY	ral / Maxillo	M-OR 13	3:43 AM	6:43 AM	8658e002-570c- e611-b31b- 00215a9b0a8c	Villegas, Stef

Filters







Failed Case Screen Updates

BP01

- Surgical Service
- DOS
- OR
- Age
- Procedure
- Responsible Provider
- MPOG Case ID
- Lowest MAP
- Cumulative Time
- Intraop Pressors (Y/N)

GLU 01

- Surgical Service
- DOS
- Procedure
- OR
- Glucose Value
- Glucose Lab Time
- Responsible Provider
- MPOG Case ID
- Anes End

NMB 02

- Surgical Service
- DOS
- Procedure
- OR
- Last NMB Dose
- First Extubation
- Responsible Provider
- MPOG Case ID
- Time Gap btw last NMB dose and 1st extubation (minutes)





PUL 01

- Surgical Service
- DOS
- Procedure
- OR
- Ideal Body Weight*10cc/kg
- Median Tidal Volume
- Responsible Provider
- MPOG Case ID
- Gender
- Current Weight (kg)
- Height (cm)
- # of cc's >10cc/kg

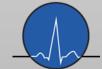
TEMP 01

- Surgical Service
- DOS
- Procedure
- OR
- Duration
- Intraop Highest Temp
- Warming method
- Responsible Provider
- MPOG Case ID
- Intraop Lowest Temp
- Extubation Time

TRAN 01

- · Surgical Service
- DOS
- OR
- Procedure
- Transfusion Time
- Type of Blood Product
- EBL
- Responsible Provider
- MPOG Case ID
- Hgb/Hct Time
- Transfusion Admin Time(s)
- Total number of units





Provider emails

- ~ 1,000 providers sent emails monthly
- Likely to double by end of year
- Fall under auspices of quality improvement and peer review

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Measure Updates

- NMB 01 allow TOF 0 with administration of sugammadex
- Cards 01 very little variability using troponin level of 1.0 as marker of myocardial injury. Should we change? Can use reference range for each institution

Troponin Level

Collected: 01/15/17 0614

Resulting lab: UMHS PATHOLOGY

Reference range: 0.00 - 0.29 ng/mL





New Measure for 2017

- PONV
- Handoff
- Temperature Outcome





PONV - PQRS 430

- Percentage of patients, aged 18 years and older, who undergo a procedure under an inhalational general anesthetic, AND who have three or more risk factors for post-operative nausea and vomiting (PONV), who receive combination therapy consisting of at least two prophylactic pharmacologic antiemetic agents of different classes preoperatively or intraoperatively
- The following risk factors for Post-Operative Nausea and Vomiting are included
 - Female gender
 - History of PONV
 - History of motion sickness
 - Non-smoker
 - Intended administration of opioids for post-operative analgesia. This includes use of opioids given intraoperatively and whose effects extend into the post anesthesia care unit (PACU) or post-operative period, or opioids given in the PACU, or opioids given after discharge from the PACU.





Opioids for Analgesia Risk Factor Determination				
10306	Morphine			
10186	Fentanyl			
10219	Hydromorphone			

Antiemetic Class	Antiemetic Name	MPOG Concept ID
5-hydroxytryptamine (5-HT3) receptor	ondansetron	10335
antagonists		
	dolasetron	10164
	granisetron	10208
Anticholinergic	scopolamine patch	10400
	scopolamine	10399
Antihistamine	dimenhydrinate	10257
	diphenhydramine	10160
Butyrophenones	droperidol	10169
	haloperidol	10210
Neurokinin-1 receptor agonist	aprepitant	10035
Phenylethylamine	ephedrine	10175
Phenothiazines	promethazine	10374
	prochlorperazine	10373
Steroids ()	dexamethasone	10147



10414

Sufentanil

Handoff – PQRS 426

- Percentage of patients, regardless of age, who are under the care of an anesthesia practitioner and are admitted to a PACU in which a post-anesthetic formal transfer of care protocol or checklist which includes the key transfer of care elements is utilized
- Checklist or Protocol The key handoff elements that must be included in the transition of care include:
 - Identification of patient
 - Identification of responsible practitioner (PACU nurse or advanced practitioner)
 - Discussion of pertinent medical history
 - Discussion of the surgical/procedure course (procedure, reason for surgery, procedure performed)
 - Intraoperative anesthetic management and issues/concerns.
 - Expectations/Plans for the early post-procedure period.
 - Opportunity for questions and acknowledgement of understanding of report from the receiving PACU team
- This will be the AIMS/MPOG Concept component of the handoff measure bundle
- Supplemented with audits





Temperature Outcome – PQRS 242

• Percentage of patients, regardless of age, who undergo surgical or therapeutic procedures under general or neuraxial anesthesia of 60 minutes duration or longer for whom at least one body temperature greater than or equal to 35.5 degrees Celsius (or 95.9 degrees Fahrenheit) was recorded within the 30 minutes immediately before or the 15 minutes immediately after anesthesia end time

• Exclusions:

- Anesthesia duration less than 60 minutes
- MAC
- PNB as primary anesthetic
- Other exception intentional hypothermia, emergency case





Pediatric Measure Subgroup

- Paul Reynolds and others, UMHS
- Anshuman Sharma, Wash U
- Bill Feaster, CHOC and others from PEAR consortium
- Dean Kurth or representative, CHOP





Site Proposed Measure Program

- Want next measures to come from participating site idea
- Interested sites to submit one page measure spec (description, rationale, inclusion/exclusions, responsible providers, references)
- Sites may submit more than one measure
- Quality Committee to vote on measures to be built
- Coordinating center will build measure or work with site IT to build
- All sites eligible!
- Timelines to follow





Thank You



