

Pediatric Surgery Quality Collaborative

General Considerations

September 20, 2022

Updates from PSQC

- ▶ Pilot Projects
 - ▶ Abx duration post appy
 - ▶ Opioid stewardship
 - ▶ Colo bundle
- ▶ PSQC SAR
 - ▶ Data challenge

Topics for Today's Session

- ▶ Pilot Projects
 - ▶ Opioid Stewardship
 - ▶ Colo SSI Bundle
 - ▶ Abx duration post appy
 - ▶ Antibiotic Stewardship

Abx Duration Workgroup

First	Last	Organization	Role
Erich	Grethel	Dell	Co_lead
Monica	Lopez	Vanderbilt	Co_lead
Jeffrey	Burford	Arkansas	Surgeon
Dan	Robie	Dayton	Surgeon
Raquel	Gonzalez	Hopkins Florida	Surgeon
Nicole	Chandler	Hopkins Florida	SCR
Regan	Williams	Le Bonheur	Surgeon
Ruben	Rodriguez	TCH	Surgeon
Sani	Yamount	Kaiser NoCal	Surgeon
Mallory	Cowart	Palmer	Pharm
Kathryn	Danko	Dell	CSVPM
Rebecca	Levorson	Inova	ID Doc
Andrew	Nuibe	Inova	ID Doc

Opioid Stewardship Workgroup

First	Last	Organization	Role
Steve	Shew	Packard	Lead
Melissa	Danko	Vanderbilt	Surgeon
Debra	Liebrecht	Colorado	SCR
Lorraine	Kelley-Quon	CHLA	Surgeon
Eleanor	Wieseke	Peyton	CSVPM
Betsy	Diep	Kaiser SoCal	SCR
Robert	Ricca	Greenville, SC	Surgeon
Brenna	Fullerton	Palmer	Surgeon

Colo Bundle Workgroup

First	Last	Organization	Role
Justin	Lee	Phoenix	Co-lead
Elizabeth	Fialkowski	Randall	Co-lead
Mike	Goretsky	Kings daughters	Surgeon
Elizabeth	Renaud	Hasbro	Co-lead (?)
Christine	Velazco	Palmer	Surgeon
Brian	Coakley	Mt. Sinai	Surgeon
Jennifer	DeFazio	Columbia (Morgan Stanley)	Surgeon

Colo Bundle Protocol

COLON BUNDLE PROTOCOL CHECKLIST

PROCEDURES TO INCLUDE: All colorectal procedures WITH anastomosis and abdominal closure

Preoperative

- (Optional)
) Bowel preparation
- (Optional) Chlorhexidine (SAGE) bath/wipes
- Umbilical cleansing (alcohol cleaning of umbilicus prior to skin prep)
- Preoperative antibiotic given within 1 hour of incision
 - Includes gram negative and anaerobic coverage

Intraoperative (Document in operative report)

- Anastomotic leak test
- Dedicated closure tray (instrument change and new drapes prior to skin closure)
- Glove change prior to skin closure
- (Optional) Placement of subcutaneous drain in grossly contaminated cases
 - Drain can be: vessel loop, penrose, umbilical tape, or other wicking object
- Maintenance of normothermia (< 36 °C or > 38 °C for less than 30 minutes)

Postoperative

- Perioperative antibiotics discontinued at 24 hours
- If present, occlusive dressing removed at 48 hours to examine wound

Intestinal procedures with anastomosis by CPT code

INCLUDING ALL COLORECTAL PROCEDURES WITH INTRA-ABDOMINAL ANASTOMOSIS AND ABDOMINAL CLOSURE

eligible for inclusion
 possibly eligible for inclusion - if includes intra-abdominal colorectal anastomosis (or repair)

CPT code	
44140	Colectomy, partial; with anastomosis
44143	Partial removal of colon
44144	Partial removal of colon
44145	Colectomy, partial; with colopectostomy (low pelvic anastomosis)
44146	Colectomy, partial; with colopectostomy (low pelvic anastomosis), with colostomy
44147	Colectomy, partial; abdominal and transanal approach
44150	Colectomy, total, abdominal, without proctectomy, with ileostomy or ileoproctostomy
44160	Colectomy, partial, with removal of terminal ileum with ileocolostomy
44205	Laparoscopy, surgical; colectomy, partial, with removal of terminal ileum with ileocolostomy
44207	Laparoscopy, surgical; colectomy, partial, with anastomosis, with colopectostomy (low pelvic anastomosis)
44208	Laparoscopy, surgical; colectomy, partial, with anastomosis, with colopectostomy (low pelvic anastomosis) with colostomy
44227	Laparoscopy, surgical, closure of enterostomy, large or small intestine, with resection and anastomosis
44604	Suture repair large intestine, without colostomy
44615	Intestinal stricturoplasty (enterotomy and enterorrhaphy) with or without dilation, for intestinal obstruction
44620	Closure of enterostomy, large or small intestine;
44625	Closure of enterostomy, large or small intestine; with resection and anastomosis other than colorectal
44626	Closure of enterostomy, large or small intestine; with resection and colorectal anastomosis (eg, closure of Hartmann type procedure)
44640	Closure of intestinal cutaneous fistula
44660	Closure of enterovesicular fistula, without intestinal resection
45111	Proctectomy, partial resection of rectum, transabdominal approach
45114	Proctectomy, partial, with anastomosis; abdominal and transsacral approach
45402	Laparoscopic surgical proctopexy with sigmoid resection for prolapse
45550	Open proctopexy for prolapse w- sigmoid colon resection
45800	Closure of rectovesicular fistula

Open Discussion



THANK YOU

GRACIAS
ARIGATO
SHUKURIA
JUSPAXAR
DANKSCHEEN
TASHAKKUR ATU
YAQHANYELAY
SUKSAMA
EKHMET
MEHRBANI
PALDIES
BOLZIN
MERCİ
BIYAN
SHUKRIA
TINGKI
GOZAIMASHITA
EFCHARISTO
KONAPSUNNIDA
GRAZIE
MEHRBANI
PARDIES
BOLZIN
MERCİ