ACS NSQIP DATA VARIABLES

I. Data Variables collected on all reviewed cases

Surgical Profile	***Pre-op Risk Factors***	***Lab Data(w/in 90 days)***	***Operative Information***	***Postoperative Occurrences***	***Hospital Discharge Information***
Demographics	Height/Weight/BMI	NA	Emergency case	Superficial Incisional SSI *	Discharge Date
Inpatient/Outpatient	DM	BUN	Wound class	Deep Incisional SSI *	Discharge Destination
Elective surgery- y/n	Current smoker 1 year	CR	Surgical Wound Closure	Organ Space SSI *	Still in hospital > 30 days
Origin Status	Dyspnea	ALB	ASA class	Wound Disruption	Death
Hospital Admit Date	Functional Health Status	TB	Operative Times	PNA *	Hospital Readmission w/in 30 days
Operation Date	Vent > 48 hours	SGOT		Intra-op or post-op unplanned intubation	Was Readmission unplanned
Anesthesia Technique	COPD	ALK Phos		PE	Was readmission related to principal procedure
Additional Anesthesia Technique	Ascites w/in 30 days	WBC		On vent > 48 hours *	What was the primary suspected reason for readmission
Surgical Specialty	CHF w/in 30 days	Hct		UTI *	Unplanned re-operation w/in 30 days
Attending Surgeon	HTN	Plt		Progressive Renal Insufficiency	
	ARF w/in 24 hours	INR		ARF	
	Dialysis w/in 2 weeks	PTT		CVA	
	Disseminated Cancer			Intra-op or post-op cardiac arrest requiring CPR	
	Open wound			Intra-op or post-op MI	
	Steroid use			Transfusion intra-op or post-op	
	>10% loss of body wt			Vein Thrombosis	
	Bleeding disorder			Sepsis/Septic shock *	
	Pre-op transfusion w/in 72 hours				
	Sepsis w/in 48 hours				

**Indicated if present at the time of surgery*

II. Additional Data Variables collected on Procedure Specific Targeted Cases (in addition to the variables on page 1, pre-op risk factors/operative information are not indicated – only post-op occurrences are listed below, except colectomy)

Pancreatectomy	***Colectomy***	***Proctectomy***	***VHR***	***Hepatectomy***	***Thyroidectomy***	***Esophagectomy***	***Appendectomy***
Postoperative Day #1 Highest Drain Amylase	Steroid/Immunosuppressantuse for IRB	Anastomotic Leak	Intra-operative severe event	Postoperative drain bilirubin (on or after POD #3)	Post-op CA level checked	Anastomotic Leak	Postoperative intra-abdominal abscess
Highest drain amylase POD#2-30	Mechanical Bowel Prep	Prolonged Postoperative NPO or NGT use	Prolonged Postoperative NPO or NGT use	Last drain removal day	Post-op PTH level checked		
Date of highest drain amylase level	Oral Antibiotic Prep			Need for invasive Intervention Postoperatively and type of intervention	Postop CA and vit D replacement		
Last Pancreatic Drain Removal Day	Chemo w/in 90 days			Peak post-op INR	Significant Post-op hypocalcemia		
Pancreatic Fistula	Primary Indication for surgery			Peak post-op bilirubin (on or after POD #5)	Significant Post-op hypocalcemia prior to discharge		
Delayed gastric emptying	If Emergent indication for surgery			Bile leakage	Significant post-op hypocalcemia w/in 30 days		
Within 30 days postoperatively was there placement of a percutaneous drain	Operative Approach			Path results	Clinically severe hypocalcemia related event and type of event		
If yes type of percutaneous drainage	If Malignancy, T stage				RLN injury or dysfunction		
Path results if malignant and histologic subtype	If Malignancy, N stage				Neck hematoma/bleeding		

Pancreatectomy	*Colectomy*	*Proctectomy*	*VHR*	*Hepatectomy*	*Thyroidectomy*	*Esophagectomy*	*Appendectomy*
If benign disease histologic subtype	If Malignancy, M stage						
Benign tumor size	# of nodes evaluated						
	Anastomotic Leak						
	Prolonged Post-op NPO or NGT use						
	Enhanced Recovery variables (only collected for 5 colectomies per 8 day cycle)						
	Pre-admission counseling						
	Allow clears liquids up to 3 hrs before induction						
	Use of thoracic epidural for open surgery						
	Use of multi-modal pain management						
	Normal temp on arrival to PACU						
	Use of goal directed therapy						
	Use of multi-modal anti-emetic prophylaxis						
	Mobilization once POD#0						
	Pt given clear liquids POD#0						
	IV fluids d/c'd POD #0						
	Mobilization BID POD #1						
	Solids given POD #1						
	Foley removed on/before POD #1						
	Mobilization BID POD #2						
	Date of return of bowel function						
	Date tolerating diet						
	Date pain controlled with PO meds						