



Data Direct Release Notes
September 2023

FILTERS

1) STARTING POPULATION

- Added option for ‘Standardized Data File’ which includes only those cases found in the most recent version of the [Standardized Data File](#)

Starting Population	
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<input type="radio"/> All Patients	13,932,818 Patients
All MPOG patients and cases	23,270,051 Cases
	72 Institutions
<input checked="" type="radio"/> Standardized Data File	
- Meets all inclusion criteria for "Intraoperative Research Standard"	7,592,129 Patients
- Must be at an active US institution	11,805,782 Cases
- Includes MPOG cases from January 1, 2016 - December 31, 2021 (CHANGE EVERY NEW VERSION)	58 Institutions

- Added Surgery Type Presets for the following categories:
 - Open Cardiac with Cardiopulmonary Bypass
 - Major Non-Cardiac/Non-Liver Transplant/Non-Outpatient
 - Outpatient Procedure

<input checked="" type="checkbox"/> Surgery Type Presets (optional; select only one)	
Open Cardiac with Cardiopulmonary bypass Includes cases that meet the following criteria: • Procedure Type: Cardiac must be "Open Cardiac" • Cardiopulmonary Bypass Duration must be equal to or greater than 5 minutes • Anesthesia Technique: General must NOT be No/Invalid/General-LMA • Admission Type must NOT be "Outpatient" • ASA Class must NOT be "ASA Class 6"	<input checked="" type="radio"/>
Major Non-Cardiac/Non-Liver Transplant/Non-Outpati... Includes cases that meet the following criteria: • Procedure Type: Cardiac must NOT be "Open Cardiac" nor "Other Cardiac" • Anesthesia Duration must be at least 30 minutes • Procedure Type must NOT be a Lung Transplant, Adenotonsillectomy, Endoscopy, Intubation Only, Liver Transplant, MRI, Diagnostic Imaging, ECT, Tympanoplasty, IVF, or TEE/Cardioversion • Anesthesia CPT Base Unit Value must be greater than 5 • Admission Type must NOT be "Outpatient"	<input type="radio"/>
Outpatient Procedure Includes cases that meet the following criteria: • Admission Type must be "Outpatient" or "23 Hour Observation" • Must NOT have Arrived Intubated • Anesthesia CPT Base Unit Value must be less than 15 • ASA Class must NOT be 5 or 6 • Procedure Type: Cardiac must NOT be "Open Cardiac" or "Other Cardiac" • Must NOT be an Emergent Case • Procedure Type must NOT be a Lung Transplant, Liver Transplant, or Intubation Only • Procedure Type: Obstetric must NOT be Cesarean Delivery, Cesarean Hysterectomy, or Conversion	<input type="radio"/>

2) All Categorical Filters

- Added checkbox for 'Select all options'

Anesthesia Technique: General ? x

General anesthetic attempted operatively

Filtered by **Select all Options**

- General - both ETT and LMA
- General - ETT
- General - Inhaled Anesthetic Only
- General - LMA
- General - Neuromuscular Blocker Only
- General - Unknown
- Invalid Value
- No

3) Cases Filter:

- Added Surgical Service

Available Filter Items

Case Scheduling

Procedure Date <small>Documented anesthesia start time/date</small>	? +
Weekend <small>Determines if the case was performed on the weekend</small>	? +
Holiday <small>Determines if the case was performed on a holiday</small>	? +
Admission Type <small>Admission type for the case (e.g. outpatient)</small>	? +
Surgical Service <small>Surgical Service</small>	? +

4) Procedures Filter:

- Added filter for Diagnostic Imaging
- Grouped all Procedure Type phenotypes in a sub-category

Procedure Codes <small>CPT codes from hospital discharge and professional fee billing</small>	+
Procedure Text <small>The procedure description as recorded in the schedule</small>	+
Procedure Text <small>Scheduled procedure text</small>	? +
<input checked="" type="checkbox"/> Procedure Type Phenotypes	
Procedure Type: Adenotonsillectomy <small>Adenoidectomy, Tonsillectomy, Adenoidectomy, Control of Tonsil Bleed</small>	? +
Procedure Type: Bronchoscopy <small>Procedure Type: Bronchoscopy</small>	? +
Procedure Type: Cardiac (new) <small>Cardiac Case Type</small>	? +
Procedure Type: Diagnostic Imaging (CT, MRI, PET S... <small>Procedure Type: Diagnostic Imaging (CT, MRI, PET Scans)</small>	? +



5) Added Medications Filter:

Medications

Perioperative medications identified using MPOG Concepts and EHR variables.

Available Filter Items

Medication Phenotypes

Vasopressor Bolus Patient's that received a Vasopressor Bolus Medication	? +
Vasopressor Infusion Patient's that received a Vasopressor Infusion Medication	? +
Paralytics Used (Non-depolarizing) NMBs only	? +
Opioids Given Opioids Given and specific phase of care	? +
Antimicrobials Given	

OUTPUTS

- Moved procedure type phenotypes to Procedure Output category (previously listed in Case Types)
- Moved CPT code options to Procedure Output category (previously listed in Case Types)
- Moved Admission Type to Case Characteristics category (previously in Case Types)
- Removed the Case Types category
- Removed NSQIP Outcomes

DOWNLOAD

- Date/time results now export in Excel in date/time format.

BUG FIXES

- Corrected Institution count error when creating a new query