



## Data Direct Release Notes November 2023

### OUTPUTS

- Unprocessed, raw data for all outcome and timing concepts are available as report columns.

**Search Output Items**

Outcomes

Q Type text to search

**Available Output Items**

☒ **All Outcome Concepts**

Adverse Drug reaction  
Unprocessed raw data for Outcome adverse drug reaction

Cardiac arrest  
Unprocessed raw data for Outcome cardiac arrest

**Search Output Items**

Timings

Q Type text to search

**Available Output Items**

☒ **All Timing Concepts**

AACD Anesthesia End Date/Time  
Unprocessed raw data for Timing aacd anesthesia end date/time

AACD Anesthesia Ready / Induction End Date/Time  
Unprocessed raw data for Timing aacd anesthesia ready / induction end date/time

### AUTO LOG OUT

- Error fixed. User is re-directed to login page if logged out of application.

## Data Direct Release Notes September 2023

### FILTERS

- 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**

Starting Population

☐ **All Patients**  
All MPOG patients and cases

13,932,818 Patients  
23,270,051 Cases  
72 Institutions

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☒ **Standardized Data File**

- Meets all inclusion criteria for "Intraoperative Research Standard"
- Must be at an active US institution
- Includes MPOG cases from January 1, 2016 - December 31, 2021  
(CHANGE EVERY NEW VERSION)

7,592,129 Patients  
11,805,782 Cases  
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

**📁 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"

**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"

**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

- **All Categorical Filters**

- Added checkbox for 'Select all options'

**Anesthesia Technique: General**



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

- **Cases Filter:**

- **Added Surgical Service**

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

- **Procedures Filter:**

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

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

- **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