

MPOG Upgrade Release Notes

October 12, 2020

Case Validation

Added ability to comment on empty sections

Added tooltips to questions

Intraop Staff *No Time Restriction* Add comments here

Was there 1 anesthesiology attending(s) that signed into this case? Yes No

Was there 1 anesthesiology CRNA(s) that signed into this case? Yes No

Was there 0 anesthesiology residents that signed into this case? Yes No

*Scans provider sign-ins for:
6000:Staff Level - Anesthesia Attending*

Preop Physiologic *From 4 Hours Before Anesthesia Start to Anesthesia Start* Add comments here

Phrasing on neuraxial/regional question has been clarified

Did this patient receive regional or neuraxial anesthesia (with or without general anesthesia)? Yes No

Infusion list question has been clarified to exclude fluids

Did the patient receive all of following medications (and only these) as a bolus:
PROPOFOL Yes No

Were the following infusions started during this time period (excluding fluids):
PROPOFOL Yes No

Did the patient receive the last bolus of PROPOFOL at 09:40? Yes No

Medication tooltips help address why there may be duplicate questions: provide description for what the question is looking for

Intraop Medications and Fluids *From Anesthesia Start to Patient Out of Room* Add comments here

Did the patient receive 300 ml of LACTATED RINGERS at 09:33? Yes No

Did the patient receive a bolus total of 50 mg of PROPOFOL? Yes No

Did the patient receive a bolus total of 50 mg of PROPOFOL? Yes No

Did the patient receive a bolus total of *Alphabetically Last medication with a bolus dose. Note that this question may appear duplicated if there are few medications given on this case.* Yes No

Did the patient receive a bolus total of 50 mg of PROPOFOL? Yes No

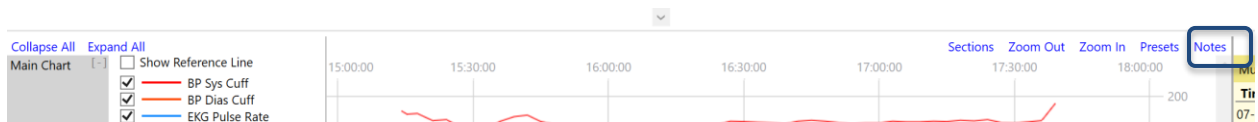
Case Viewer

- Case search now supports filtering by multiple concept IDs; use comma to separate IDs. User will be prompted if they try to use another character as a separator

Browse for Cases
Find cases by using one or more of the filters below.

- Age
- CPT Code
- Institution
- MPOG Concept ID **X**
Warning: Without other filters, searching by MPOG Concept ID can be slow and may time out. Consider adding date range filter.
- Opened Date Range
- Primary Surgical Service
- Procedure Text
- Registry Data
- Surgery Date Range

- Added notes shortcut above main chart



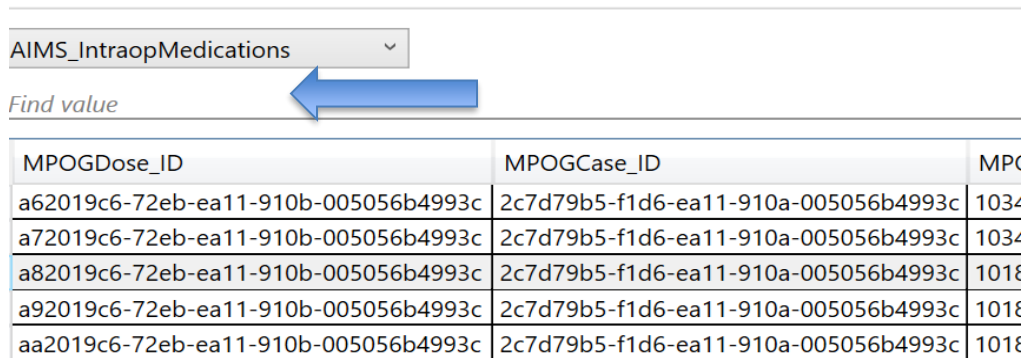
- Medication sections in the main chart are now broken out by route; unmapped routes are listed as 'unknown'

	Staff Level - Surgical Resident #
Meds - IV [-]	CEFAZOLIN
	DEXAMETHASONE
	DIPHENHYDRAMINE
	FENTANYL
	KETAMINE
	LIDOCAINE
	MAGNESIUM SULFATE
	MIDAZOLAM
	ONDANSETRON
	PROPOFOL
	ROCURONIUM
	SUGAMMADEX
Meds - SQ [-]	HEPARIN
Meds - PO [-]	OXYCODONE
Inputs [-]	LACTATED RINGERS
Outputs [-]	ESTIMATED BLOOD LOSS
	URINE OUTPUT
Phvsio [-]	Temperature - Skin

- Removed unmapped labs from the main chart
- Updated logic for PACU and preop time sections
- Added a variety of sections: TOC, ABX, General-ETT, General-LMA, General-Sedation:



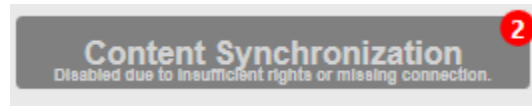
- Record search now supports undo (CTRL+Z)
- Record search now supports filtering by original variable ID and name
- Added a text search to table view



- Time in the record list will use entered time if observed time is unavailable
- Display PHI option now global across tabs
- Bug fix: Records with a blank observed time no longer display as 1/1/0001
- Bug fix: Notes with many details will now properly scroll
- Bug fix: billing records are now properly visible in record search
- Bug fix: Scrolling issue in the labs tab

Content Sync

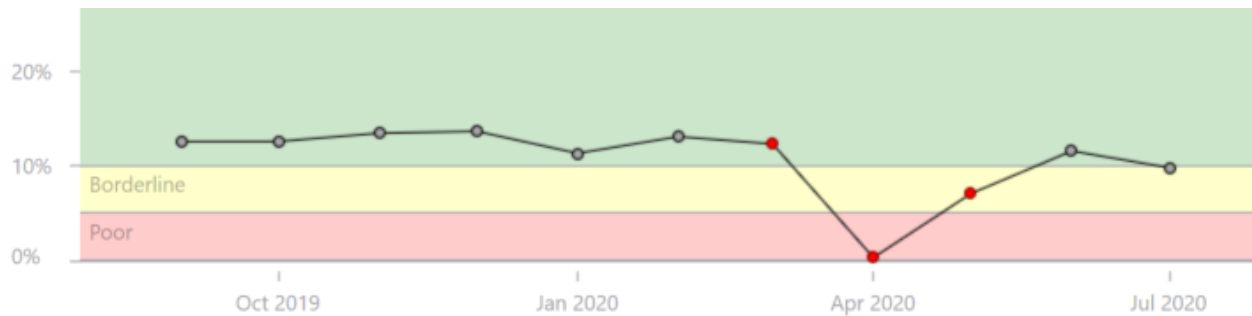
- Suite now checks on startup if any new concepts are available. Notification ball appears if any are available



- Sync now acquires a lock to prevent multiple synchronizations happening at the same time

Diagnostics

- For some diagnostics, the months of March/April/May 2020 are now excluded from diagnostic pass/fail consideration due to COVID-19's impact on case volume



Percentage of Outpatient Cases with a LMA Note

Open case list for

- Added Microbiology diagnostic

Percentage of Cases with Microbiology Labs

Priority: [Low Priority](#)

Diagnostic Executed On: 2020-09-14 10:05

Open case list for selected month
(Select a point to enable case listing)

Description

Percentage of cases with any microbiology labs. Check extract or mapping if inconsistent with your institution's practices

Concepts Used:

Microbiology Labs

3406	Micro - Culture - Aerobic
3409	Micro - Gram Stain
3418	Micro - Acid Fast Stain (AFB)
5155	Micro - Culture - Aerobic (blood)
5156	Micro - Culture - AFB (blood)

- Added COVID-19 Lab diagnostic. Considers labs resulted 7 days prior to day of surgery up to day of surgery.

Percentage of Cases with COVID-19 Labs

Priority: [Low Priority](#)

Diagnostic Executed On: 2020-10-12 08:41

Open case list for selected month
(Select a point to enable case listing)

⬆ Description

Percentage of cases with labs related to Coronavirus. Check extract or mapping if percentage is low

Concepts Used:

- ▾ COVID-19 Labs
 - 3404 Immunology - Antibody - COVID19 - IgG
 - 5179 Virology - Coronavirus (SARS-CoV-2)


- PONV diagnostic will now use entered time on notes if observed time is unavailable
- Bug fixes
 - Previous attestation graph now display background properly
 - Bar chart attestations no longer freeze the application
 - “Not Accurate” attestation button description no longer cut off

IM Assistant

- Now opens as a smaller window to prevent being cut off on smaller resolution screens

Variable Mapper

- Importing variable spreadsheets now allows for rejecting individual mappings
- Importing mappings now has a completion message when new mappings have been applied
- Added instance filter and ability to search by original variable id (use ID: prefix); must be exact match

 MPOG Configuration

Mapping Type:

Instance: Organization:

Display Mode:

Search Filter:

- Changed auto-search optimization algorithm to prioritize overall search term length rather than number of words
- Search aliasing for MPOG concepts now available (For example, BP will now search for MPOG concepts containing BP or blood pressure)
- Added Case_ID column when examining observation detail variables and added Crosswalked_Case_ID column when examining relevant variable types

ObsDetail_Type_ID	ObsDetail_Type_Name	CaseID	CrosswalkedCase_ID
47918	Blade/View	1613084	
47918	Blade/View	1588127	
47918	Blade/View	1612421	
47918	Blade/View	1613097	
47918	Blade/View	1598682	
47918	Blade/View	1593056	
47918	Blade/View	1598649	