



MPOG App Suite Release – April 2024

How to apply the upgrade:

- The upgrade package will be sent to each site’s IT contact.
 - For sites using Desktop Virtualization (e.g. Citrix), your IT team will upgrade the App Suite.
 - For sites where the App Suite is installed on PCs, your IT team will distribute the installer to all individuals after the database upgrade has been applied. Once you have received the installer from your IT team, follow the install instructions [here](#).

CASE VIEWER

- Medications with an epidural route have now been moved to their own section on the chart

Meds - SQ	[-] ENOXAPARIN	
	HEPARIN	
Meds - Topical	[-] LIDOCAINE 2%	
Meds -	[-] SUFENTANIL	
Unknown		
Epidural Meds	[-] SUFENTANIL	
Infusion Meds	[-] PROPOFOL	
	SUFENTANIL	
Infusion Inputs	[-] LACTATED RINGERS	
	SALINE 0.9%	

- Case search now supports searching by room name
- The case search results now include room name as a field

The screenshot shows the 'Fast Case Lookup' interface. On the left, there is a navigation menu with 'Case Search' selected. The main area is titled 'Find a Specific Case' and includes a search input field. Below this, there is a 'Browse for Cases' section with various filters. A search for 'UH Operating Room 15' is shown in the search input field. On the right, the 'Search Results' table is displayed, showing columns for Case Time, Service, Patient Age, and Room. The 'Room' column is highlighted with a red box, and the search results table also has a red box around it.

Case Time	Service	Patient Age	Room
08-04-2023 09:45	Orthopedics	37 years	UH OPERATING ROOM 15
08-05-2023 18:11	Orthopedics	59 years	UH OPERATING ROOM 15
07-11-2023 11:00	Orthopedics	70 years	UH OPERATING ROOM 15
08-06-2023 13:25	Orthopedics	78 years	UH OPERATING ROOM 15
08-04-2023 07:24	Orthopedics	20 years	UH OPERATING ROOM 15
08-03-2023 08:30	Orthopedics	27 years	UH OPERATING ROOM 15
08-07-2023 16:37	Orthopedics	65 years	UH OPERATING ROOM 15
08-08-2023 09:00	Orthopedics	41 years	UH OPERATING ROOM 15
08-08-2023 13:01	Plastics	59 years	UH OPERATING ROOM 15

DATA DIAGNOSTICS

- Revised thresholds for TOF and airway placement diagnostics



CASE VALIDATION

- The empty section “Preop Labs” was removed
- Questions referring to blood pressure now have the word “systolic” bolded to make it clearer which type is being referred to

Intraop Physiologic		From Anesthesia Start to Patient Out of Room	
Did the patient have an invasive arterial line in place?	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	
Was the highest value for a non-invasive blood pressure (systolic) 172?	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	
Was the lowest value for a non-invasive blood pressure (systolic) 79?	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	
Did the patient receive all of following volatile gases: Sevoflurane	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	
Postop Physiologic		From Patient Out of Room to Anesthesia End + 6 Hours	
Was the non-invasive systolic blood pressure 162 at 11:35?	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	<input type="checkbox"/> Correct <input type="checkbox"/> Incorrect	

VARIABLE MAPPING

- Added tooltips for certain MPOG concepts to clarify their intended use

The screenshot shows the 'MPOG Variable Mapping' window. On the left, there are dropdown menus for 'Mapping Type', 'Instance', 'Display Mode', and 'Concept Type'. Below these is a table with columns: ID, Org, Name, Times Used, Mapped As, MPOG ID, and Type. The table lists several physiological variables like 'End Tidal CO2', 'Respiratory Rate Actual from Etc', 'EKG Pulse Rate', and 'SpO2 %'. On the right, there are 'Options' (Auto Search On, Auto Select On) and a 'Search Filter' box. Below that is a table with columns: Name, ID, Type. A tooltip is visible over the 'BP Sys Invasive Unspecif' row, containing the text: 'use for preop/postop invasive BPs'. The tooltip is highlighted with a red box.

- Samples returned by the “Examine” button now return the most recent data instead of a random set of data

Variable Details

Please note the data below may not be a representative sample.

AdminType_Name	CaseID	MedicalRecord_Number	CrosswalkedCase_ID	AdminID	Phaseof_Care_ID	Phaseof_Care_Name	UnitID	UnitName	RouteID	RouteName	DoseStart_Time	C
dextrose 5% - sodium chloride 0.9% IV					Postop	Postop	41	ml/hr	11	Intravenous	4/3/2024 2:09:00 PM	A
dextrose 5% - sodium chloride 0.9% IV					Postop	Postop	41	ml/hr	11	Intravenous	4/2/2024 4:48:00 PM	A
dextrose 5% - sodium chloride 0.9% IV					Postop	Postop	41	ml/hr	11	Intravenous	4/2/2024 1:39:00 PM	A
dextrose 5% - sodium chloride 0.9% IV					Postop	Postop	41	ml/hr	11	Intravenous	4/2/2024 12:06:00 PM	A
dextrose 5% - sodium chloride 0.9% IV					Preop	Preop	41	ml/hr	11	Intravenous	4/2/2024 5:27:00 AM	A
dextrose 5% - sodium chloride 0.9% IV					Postop	Postop	41	ml/hr	11	Intravenous	4/2/2024 2:58:00 PM	A
dextrose 5% - sodium chloride 0.9% IV					Postop	Postop	41	ml/hr	11	Intravenous	4/2/2024 7:00:00 PM	A
dextrose 5% - sodium chloride 0.9% IV					Postop	Postop	41	ml/hr	11	Intravenous	4/2/2024 4:04:00 PM	A
dextrose 5% - sodium chloride 0.9% IV					Preop	Preop	41	ml/hr	11	Intravenous	4/2/2024 9:42:00 AM	A

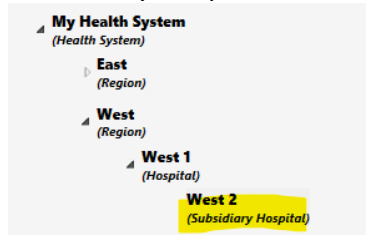
NSQIP IMPORT

- Fixed a bug where long column names prevented importing data

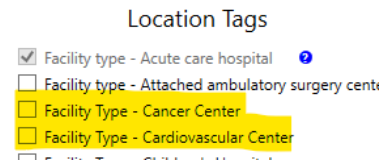


LOCATION MAPPING

- Fixed a bug where the interface doesn't update when moving locations
- Added a new location type of "Subsidiary Hospital"



- Added two new location tags: "Cancer Center" and "Cardiovascular Center"



IMPORT MANAGER ASSISTANT

- Added an "Organizations" table to allow users to better identify when new or renamed organizations appear in the extract

Log Viewer	Instance ID	Organization ID	Database	MPOG Institution ID	Total Cases	Earliest Case	Latest Case
	0	University of Michigan Ann Arbor			818,613	2014/01/01	2023/03/12
Overview	1	MOTT CHILDREN'S HOSPITAL			22,586	2023/03/12	2024/04/03
	1	UNIVERSITY HOSPITAL			39,274	2023/03/12	2024/04/03
Organizations	1	VONVOIGTLANDER WOMEN'S HOSPITAL			5,244	2023/03/12	2024/04/03
	1	BRIARWOOD 01			640	2023/03/13	2024/04/03
Check File Columns	1	BRIGHTON CENTER FOR SPECIALTY CARE			10,859	2023/03/13	2024/04/03
	1	CARDIOVASCULAR CENTER			11,216	2023/03/13	2024/04/03
Parse File Data	1	EAST ANN ARBOR SURGERY & MPC			14,105	2023/03/13	2024/04/03
	1	KELLOGG EYE CENTER - ANN ARBOR			8,968	2023/03/13	2024/04/03
Handoff Settings	1	UNIVERSITY HOSPITAL SOUTH			4,280	2023/03/13	2024/04/03

TRANSFER TO MPOG CENTRAL

- The transfer app now uploads in reverse chronological order
- The progress window now indicates which date is being worked on

