



Getting Started: Location Mapping



Location Mapping

- Provides sites the ability to establish a hierarchy of facilities and procedure room locations as they exist within the health system
- Allows providers to filter performance data by operating locations
- Provides the opportunity to filter and group locations that may have similar case types, though not physically located in the same building.
- Location Mapping should be completed prior to starting Case Validations and can be completed simultaneously with Variable Mapping.
 - Multiple MPOG tools rely on Location Mapping:
 - Case Validation asks what room the procedure was done in
 - Data Diagnostics allows the cases to be sorted by location to drill down on any out-of-range scores
 - Case Viewer allows users to search for procedures according to location

Location Mapping

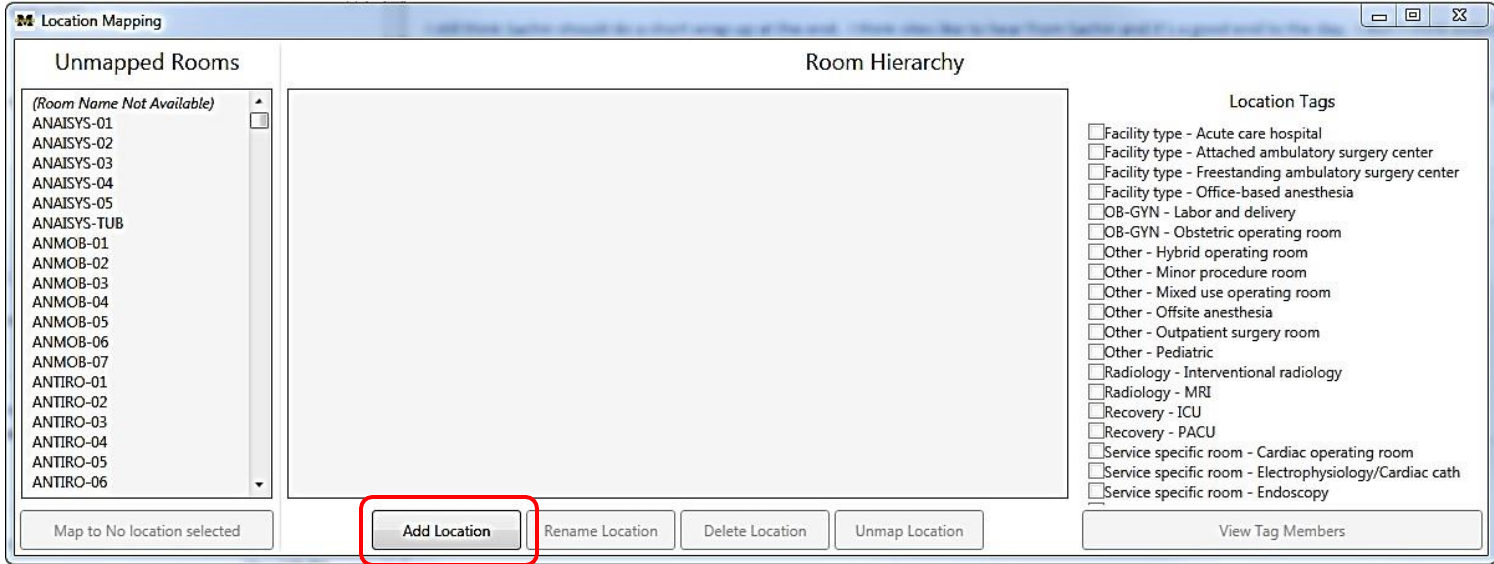
- Example for use: a site may have several outpatient surgery centers and would want to “group” the data from these locations to examine performance at outpatient facilities.
- Mapping of locations is usually completed when a site initially joins MPOG but should be maintained as new rooms are added.

Additional Filters	
+ Location	Ambulatory Care
+ Patient Age	Ann Arbor - Main
+ Patient Gender	Briarwood Medical Group
+ Patient Race/Ethnicity	Brighton Health Center
+ Surgical Service	C. S. Mott Children's Hospital
	Comprehensive Cancer Center ORs
	East Ann Arbor Health and Geriatrics Center
	Frankel Cardiovascular Center
	Kellogg Eye Center
	Livonia Health Center
	University Hospital
	University of Michigan Health System
	Von Voigtlander Women's Hospital

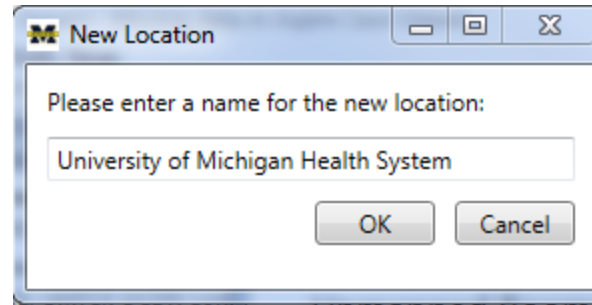
Access 'Location Mapping' on the MPOG Suite



Select 'Add Location' from the bottom of the display box.



A text box will appear. Type the name of the primary site at your organization. For example: University of Michigan Health System, all other sites will be categorized under the primary location. Click “Ok.”



The new location will populate the middle portion of the display box to begin the Room Hierarchy process

The screenshot shows a web application window titled "Location Mapping". It is divided into three main sections:

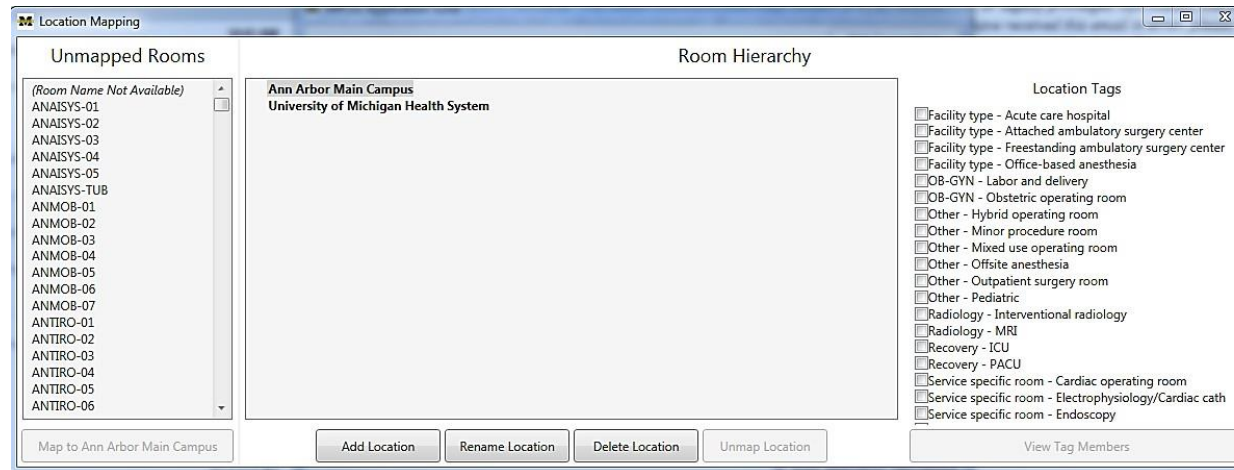
- Unmapped Rooms:** A list on the left containing room identifiers: U-OFFS MPU, U-OFFS RA2, U-OFFS RAD, U-OR 01, U-OR 02 (highlighted), U-OR 03, U-OR 04, U-OR 05, U-OR 06, U-OR 07, U-OR 08, U-OR 09, U-OR 10, U-OR 11, U-OR 12, U-OR 13, U-OR 14, U-OR 15, U-OR 16, and U-OR 17.
- Room Hierarchy:** A large central area with the text "University of Michigan Health System" at the top.
- Location Tags:** A list of checkboxes on the right for categorizing rooms, including:
 - Facility type - Acute care hospital
 - Facility type - Attached ambulatory surgery center
 - Facility type - Freestanding ambulatory surgery center
 - Facility type - Office-based anesthesia
 - OB-GYN - Labor and delivery
 - OB-GYN - Obstetric operating room
 - Other - Hybrid operating room
 - Other - Minor procedure room
 - Other - Mixed use operating room
 - Other - Offsite anesthesia
 - Other - Outpatient surgery room
 - Other - Pediatric
 - Radiology - Interventional radiology
 - Radiology - MRI
 - Recovery - ICU
 - Recovery - PACU
 - Service specific room - Cardiac operating room
 - Service specific room - Electrophysiology/Cardiac cath
 - Service specific room - Endoscopy

At the bottom, there are buttons: "Map to No location selected" (disabled), "Add Location", "Rename Location", "Delete Location", "Unmap Location", and "View Tag Members" (disabled).

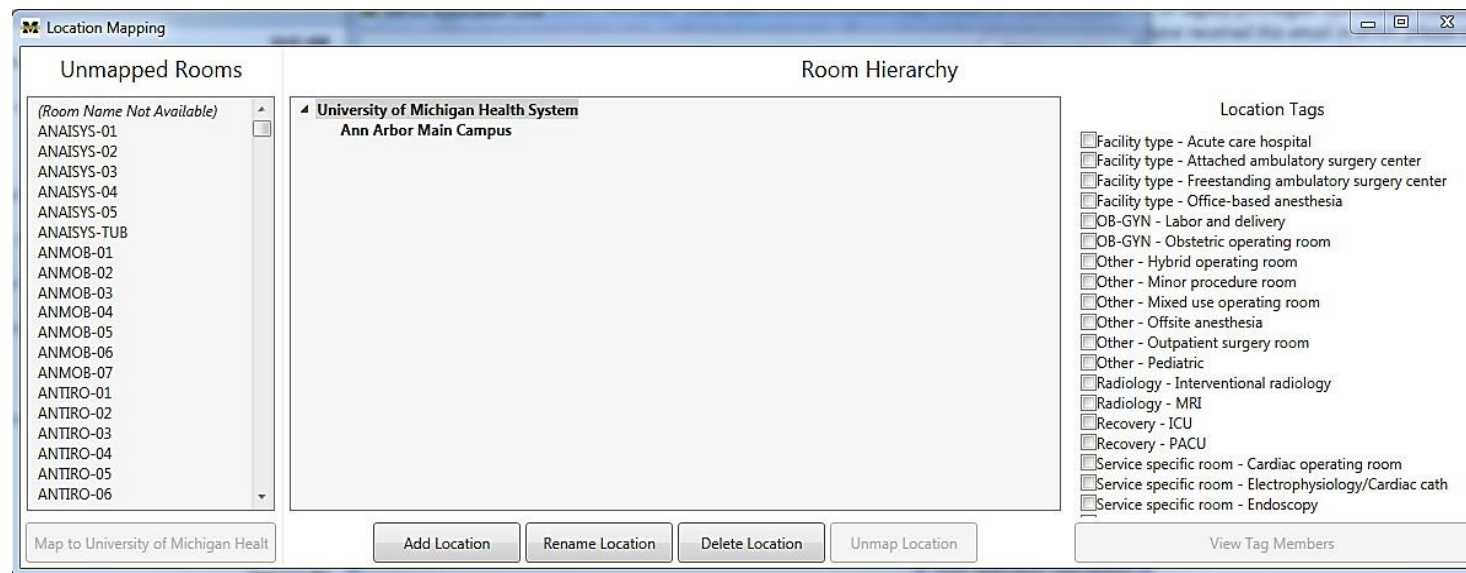
If your organization has multiple campuses or hospitals, continue to add those locations by selecting “Add Location.”

As new locations are added, you can ‘click and drag’ to list secondary sites under primary locations.

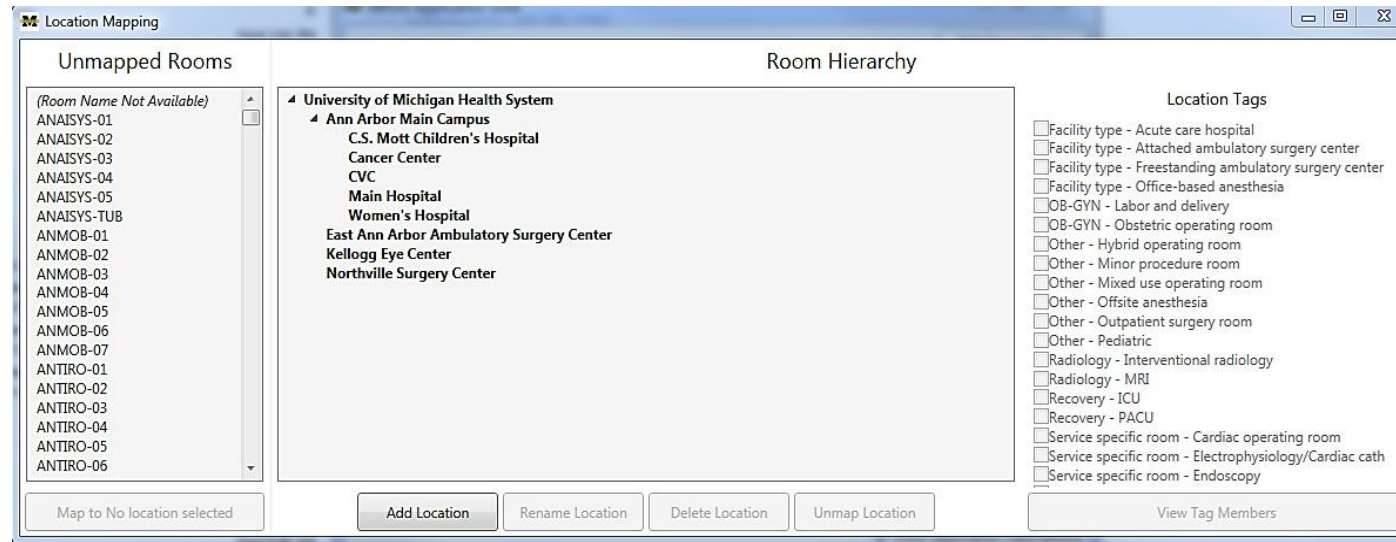
For example, ‘Ann Arbor Main Campus’ is currently listed as another primary location but belongs under the Health System title.



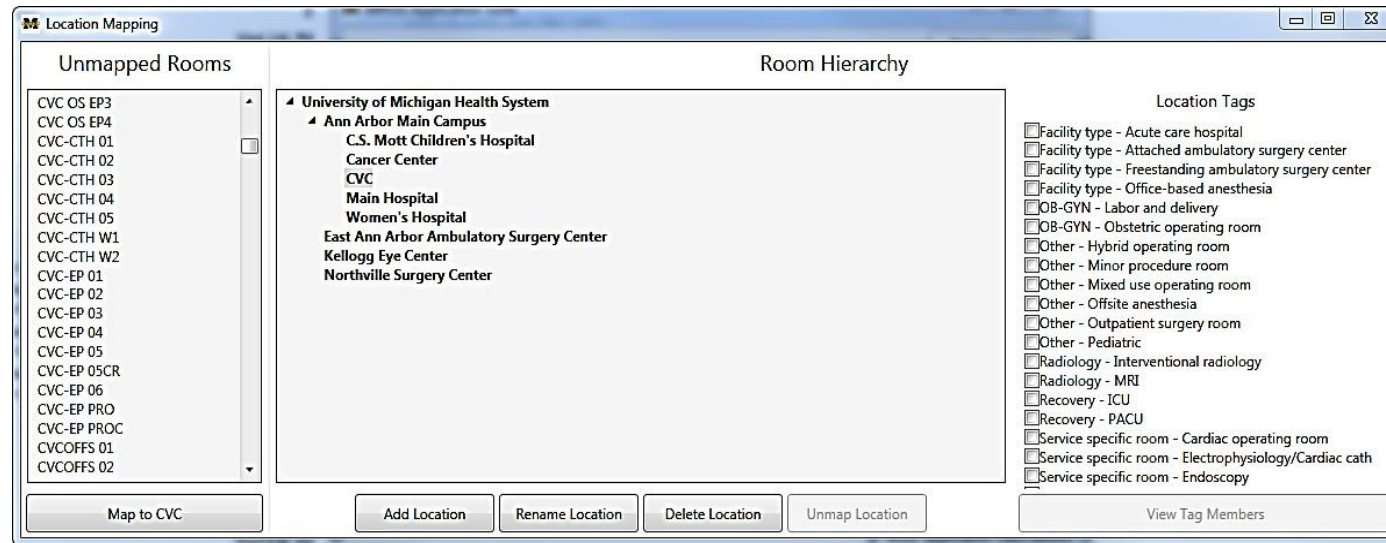
Clicking on 'Ann Arbor Main Campus' and dragging it over the 'University of Michigan Health System' title will indent the secondary site to be listed under the primary



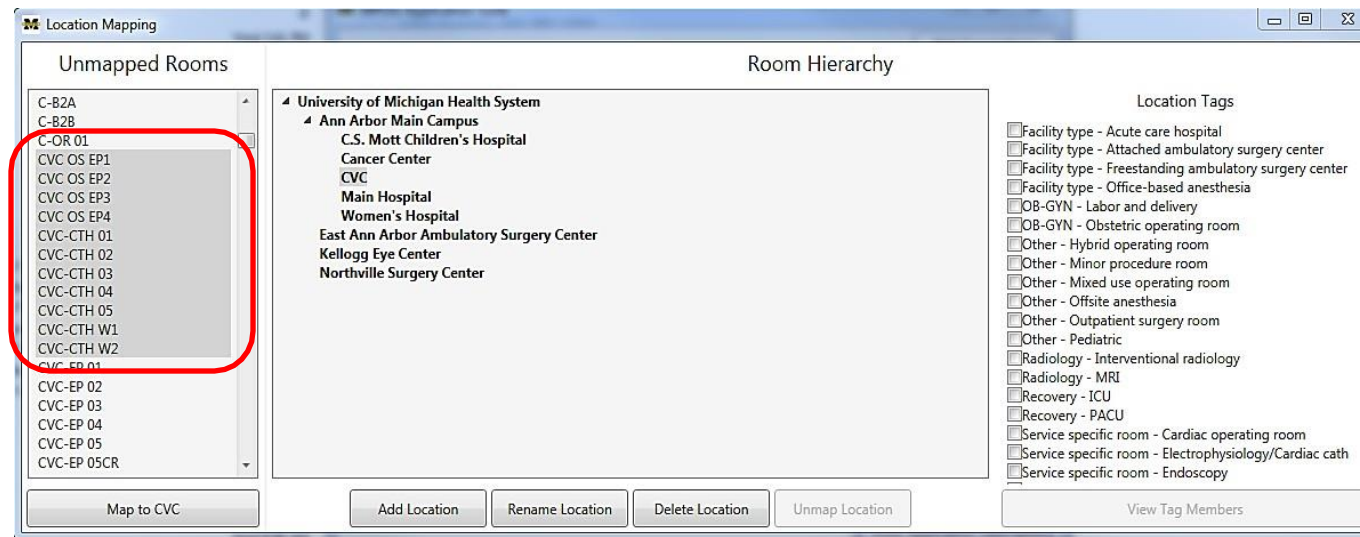
Continue to sort by clicking and dragging titles to properly reflect sites and locations at your facility. See example below.



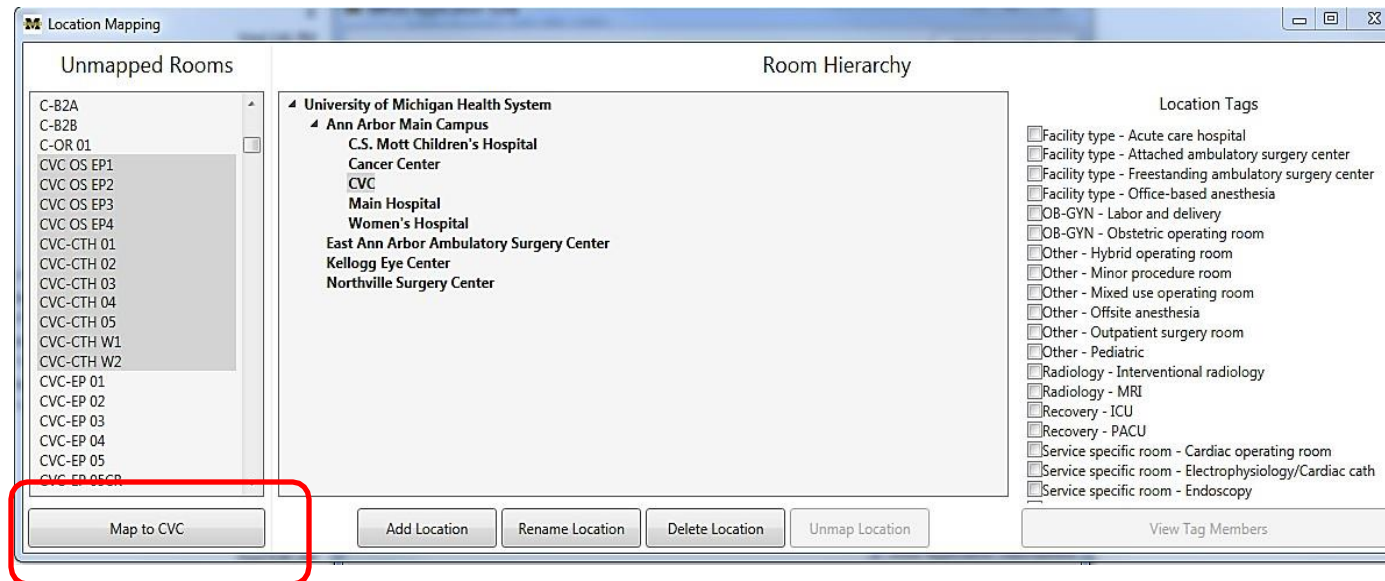
Click on the site in the middle of the screen that you would like to assign operating rooms. In the example below, 'CVC' is selected.



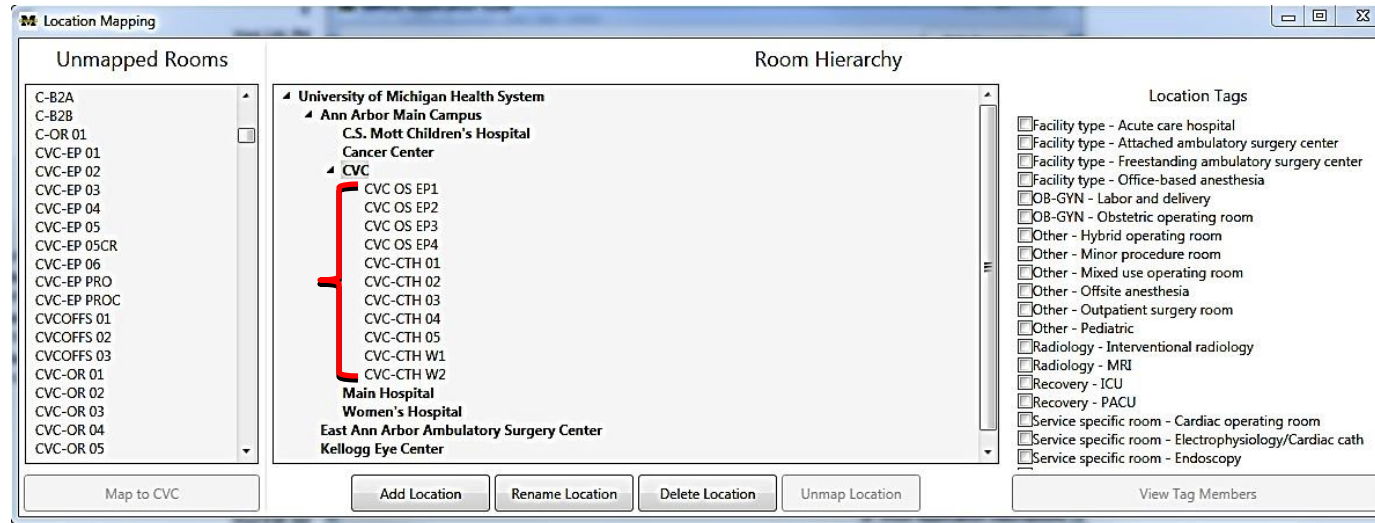
Select operating rooms from the left side of the screen. You can map one room at a time or select a group of rooms by holding the 'shift' key down and selecting all rooms applicable. It is also possible to click and drag rooms to sites within the hierarchy.



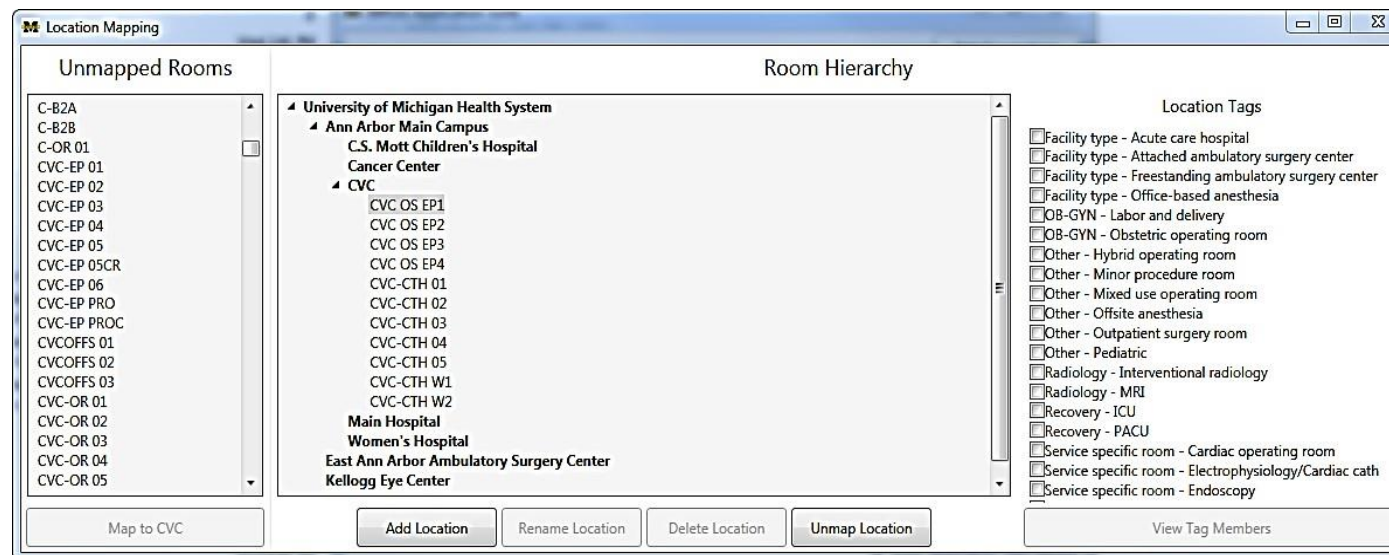
Now select the “Map to CVC” button in the bottom left corner. All of the selected anesthetizing locations will move under the CVC title in the middle portion of the display box.



Continue mapping all unmapped rooms from the left column to the appropriate locations in the middle 'Room Hierarchy' column. **Epic Sites:** 'Unspecified Room' will remain in the unmapped rooms category and should not be mapped to a location as the 'unspecified room' designation is typically used across a variety of sites within the organization.

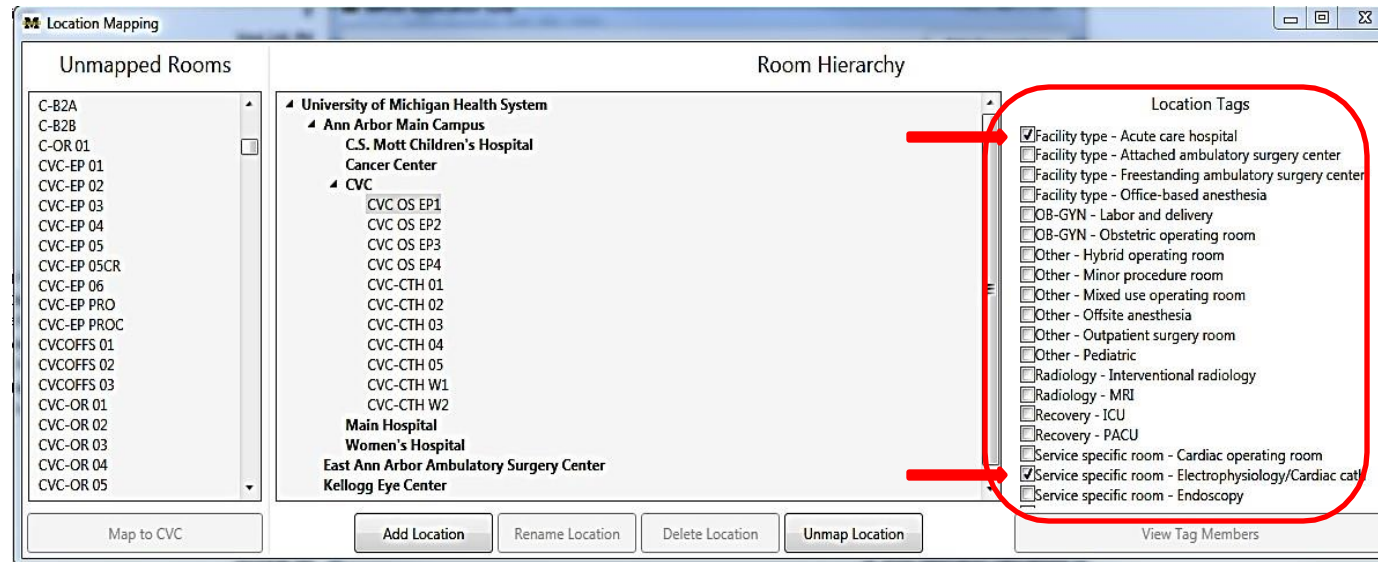


Each room can now be ‘tagged’ to indicate the type of room or type of procedures performed in each OR/procedure area. Select a room from the ‘Room Hierarchy’ list.



While the room is highlighted, click the appropriate 'location tags' from the right side of the display box to designate what procedures occur in the selected room.

In the example below, the tags of '*Facility type- Acute care hospital*' and '*Service specific room- Electrophysiology/Cardiac Cath*' are applied to the CVC OS EP1 room. Use Ctrl + Shift to select multiple rooms at a time



When assigning tags to 'Parent' Locations, all 'Children' listed under the 'Parent' inherit that tag(s). When the 'child' location is selected, tags attributed through the 'parent' will appear greyed out. This can only be changed by changing the 'parent' location tag

Location Mapping

Unmapped Rooms

(Room Name Not Available)

HOLDING

M-CPU-EP

OR 01

Slots

Map to C. S. Mott Children's Hospi

Add Location

Room Hierarchy

University of Michigan Health System

Ann Arbor - Main

C. S. Mott Children's Hospital

ANTIRO-01

ANTIRO-05

ANTIRO-06

APR-M

IRMT01

M-APR

M-APR2

M-CPU-CTH1

M-CPU-CTH2

M-CPU-NEW

M-CPU-OLD

M-CT 01

M-CTMT 01

M-IR

M-MRI

M-MRI 01

M-MRI 02

Location Tags

☐ Other - Hybrid operating room

☐ Other - Minor procedure room

☐ Other - Mixed use operating room

☐ Other - Offsite anesthesia

☐ Other - Outpatient surgery room

☒ Other - Pediatric

☐ Radiology - Interventional radiology

☐ Radiology - MRI

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IRMT01

M-APR

M-APR2

M-CPU-CTH1

M-CPU-CTH2

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M-CPU-OLD

M-CT 01

M-CTMT 01

M-IR

M-MRI

M-MRI 01

M-MRI 02

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☒ Other - Pediatric

☒ Radiology - Interventional radiology

☐ Radiology - MRI

☐ Recovery - ICU

☐ Recovery - PACU

☐ Service specific room - Cardiac operating room

☐ Service specific room - Electrophysiology/Cardiac cath

☐ Service specific room - Endoscopy

☐ OB-GYN - IVF-only room

☐ Service specific room - Trauma

Right click on any tag to view its rooms

“Other-Pediatric” was inherited by “ANTIRO-01” through parent location “C.S. Mott Children’s Hospital”

Location Mapping Tips

- Right click on any Location Tag to see rooms assigned to the tag.
- Continue assigning the proper location tags for all rooms in the room hierarchy. There is no need to save any changes to room locations or tags. **Any changes made are automatically saved.**
- To update the location mappings, the MPOG/ASPIRE programmer for your site will need to run the following script: EXEC Locations_UpdateCaseLocations. **It is recommended that this script be programmed to run automatically** on a schedule basis before diagnostics to capture any mapping changes that may occur in the future.
- Note: It is possible to rename, delete, or unmap locations as necessary using the buttons at the bottom of the display box. However, if an operating room or location is no longer in use, it is best to leave mapped as historical data will still rely upon this hierarchy.