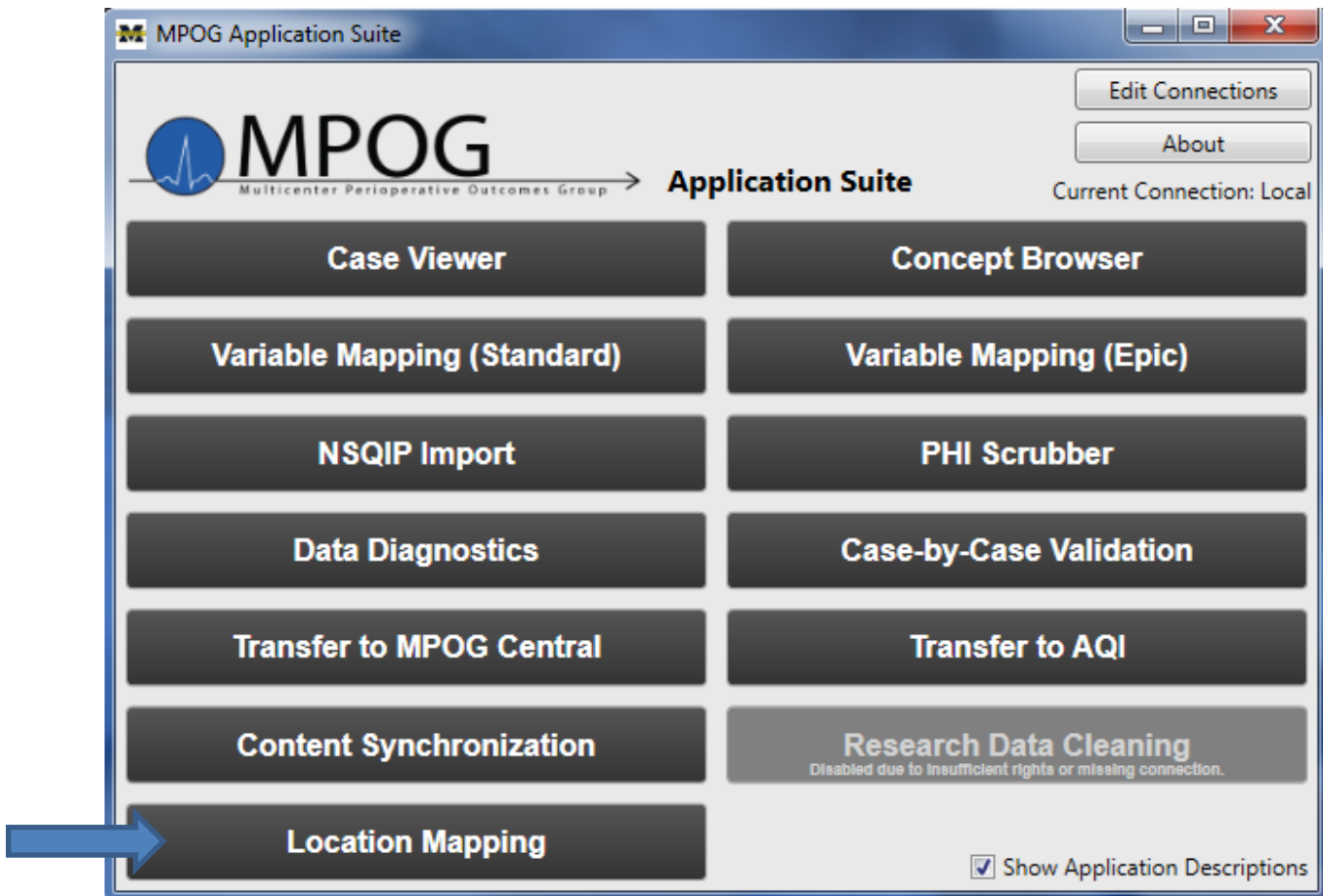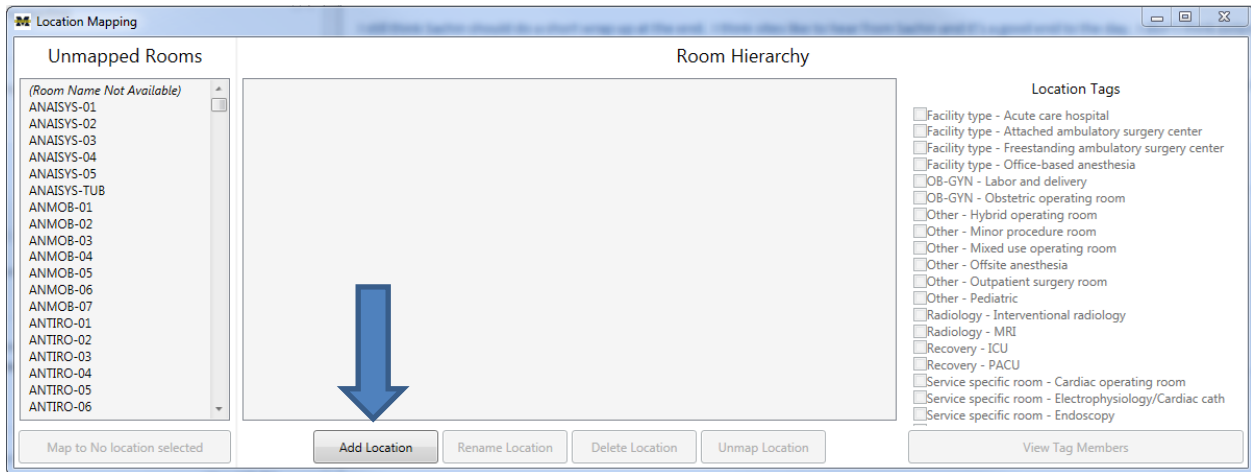# Chapter 4: Location Mapping

Location Mapping

The Location Mapping utility provides sites the ability to establish a hierarchy of procedure rooms and facilities as they exist within the health system. Building the location hierarchy allows providers to filter performance data by operating locations. Assigning location tags provides the opportunity to filter and group locations that may have similar case types, though not physically located in the same building. For example, a site may have several outpatient surgery centers and would want to "group" the data from these locations to examine performance at outpatient facilities. Location mapping is also used to exclude certain case types for ASPIRE measures when CPT codes are not available, i.e. rooms tagged as labor and delivery rooms can be excluded as a means of excluding labor epidural cases. Mapping of locations is usually completed when a site initially joins MPOG but should be maintained as new rooms are added. The following education module explains how to access and utilize the Location Mapping application.
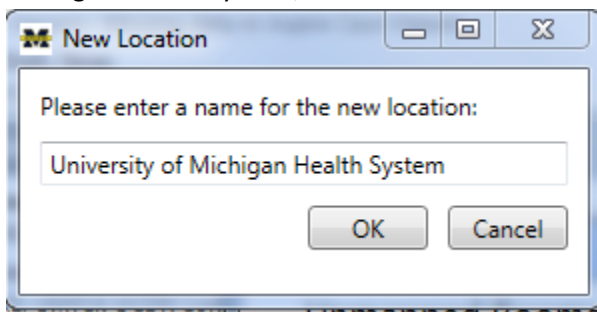
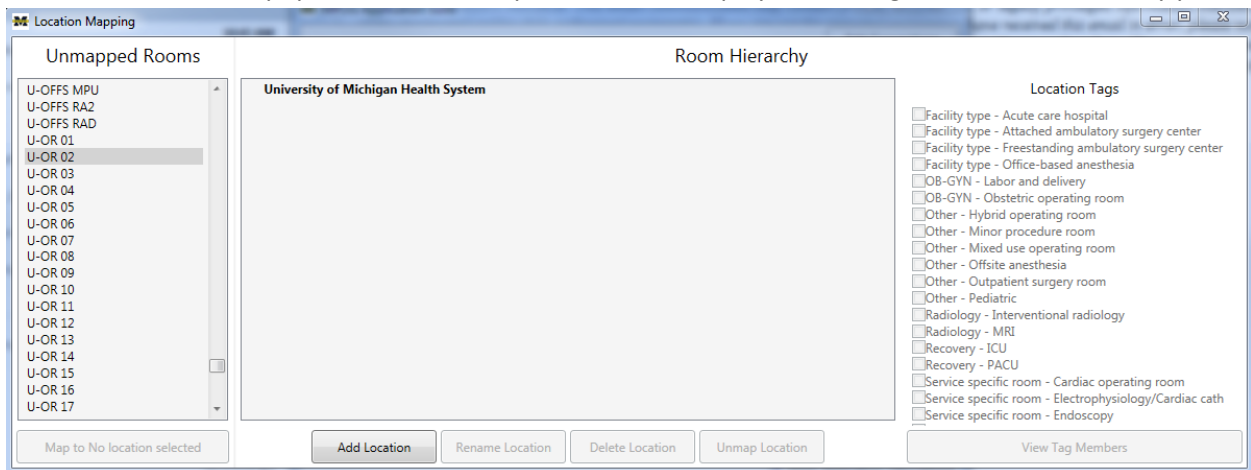1. Access 'Location Mapping' on the MPOG Suite.

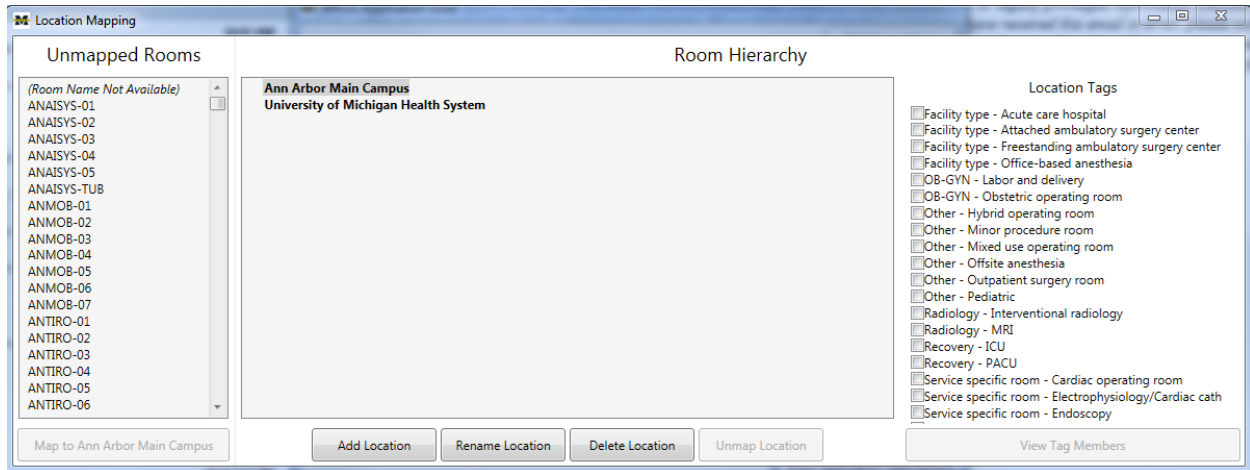2. Select 'Add Location' from the bottom of the display box.

3. 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."
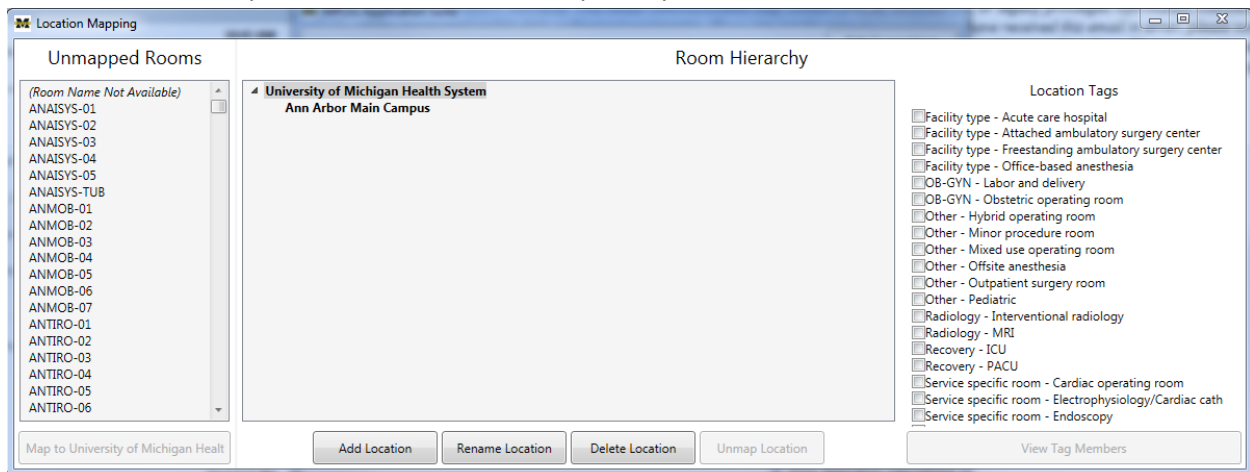

4. The new location will populate the middle portion of the display box to begin the Room Heirarchy process.
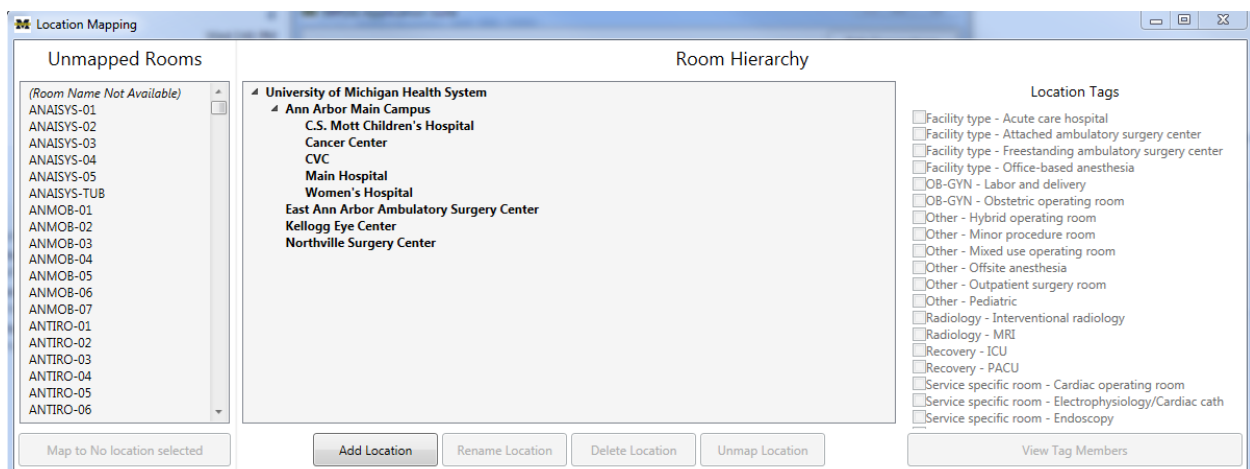
5. If your organization has multiple campuses or hospitals, continue to add those locations by selecting "Add Location." As new locations are added, you can 'click and drag' to list secondary sites under primary locations. For example, 'Ann Arbor Main Campus' is currently listed as another primary location but belongs under the Health System title.
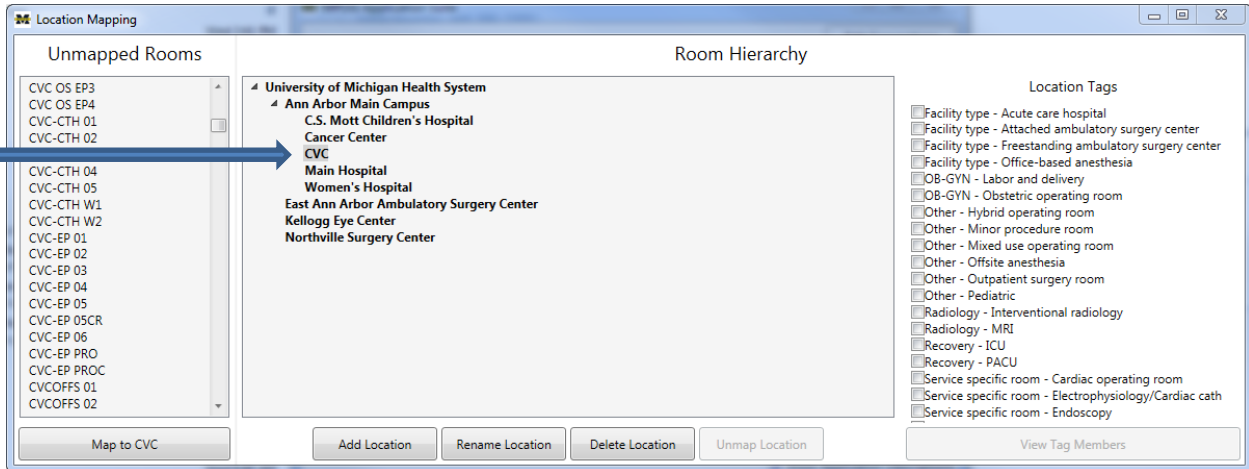
6. Clicking on 'Ann Arbor Main Campus' and dragging it over the 'University of Michigan Health System' title will indent the secondary site to be listed under the primary.
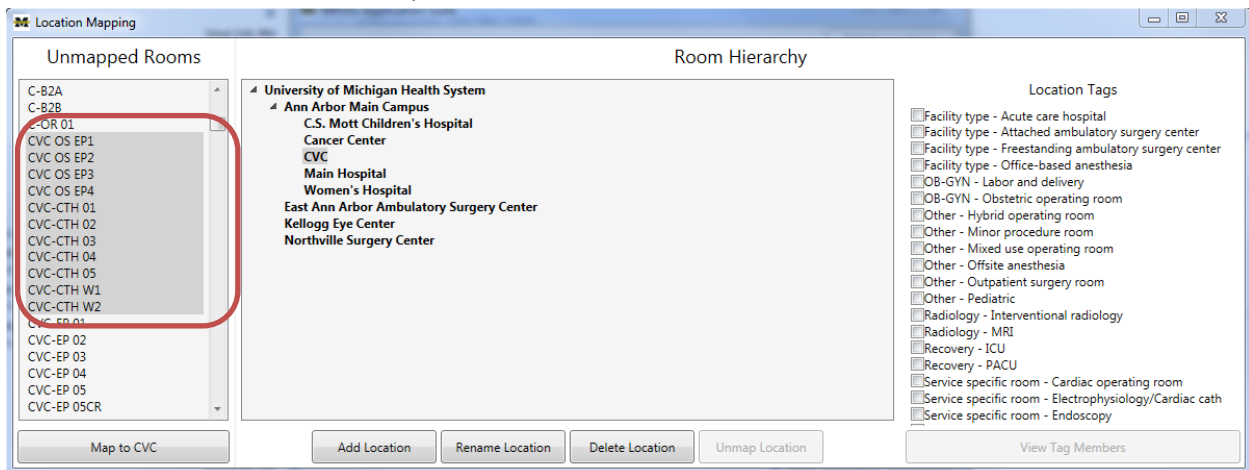
7. Continue to sort by clicking and dragging titles to properly reflect sites and locations at your facility. See example below.
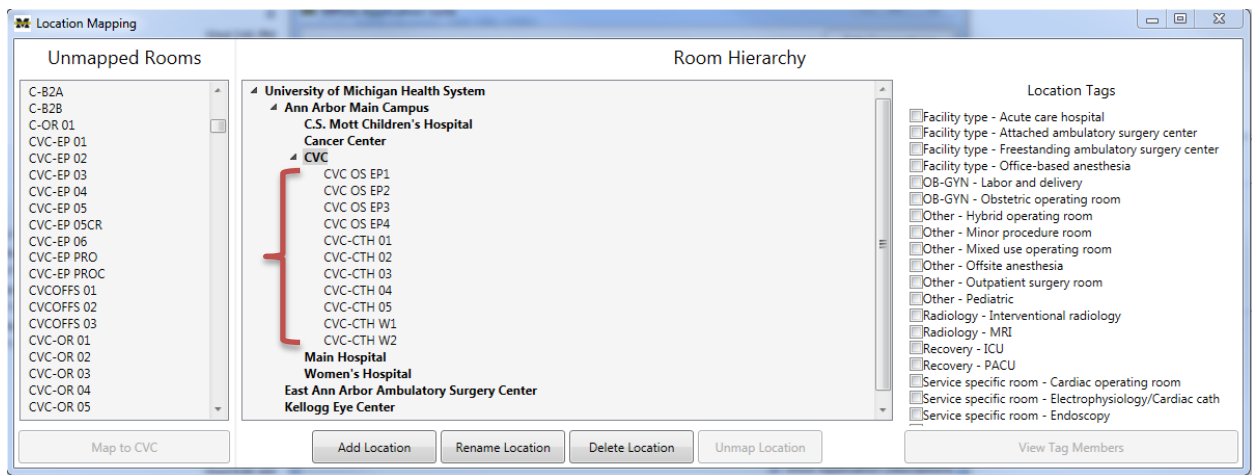
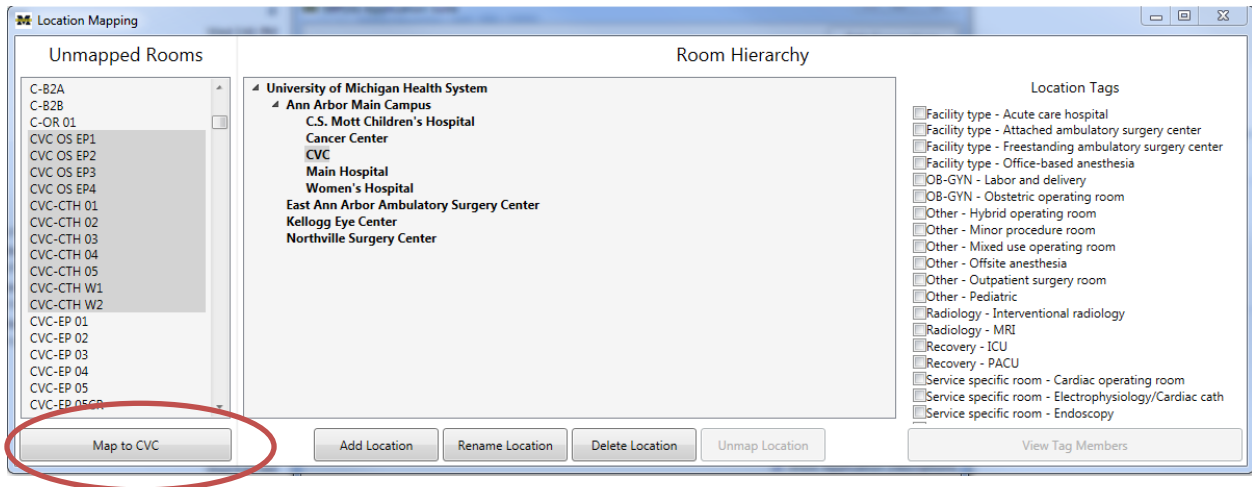8. Click on the site in the middle of the screen that you would like to assign operating rooms. In the example below, 'CVC' is selected.

9. 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.
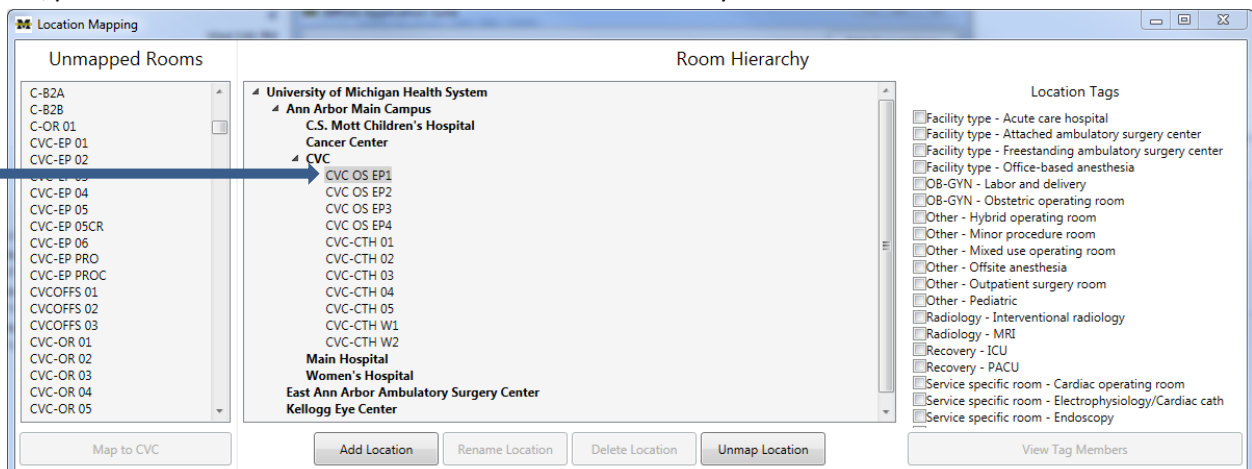
10. Now select the "Map to CVC" button in the bottom left corner. All of the selected anesthetizing locations will move under the CVC title in the middle portion of the display box.
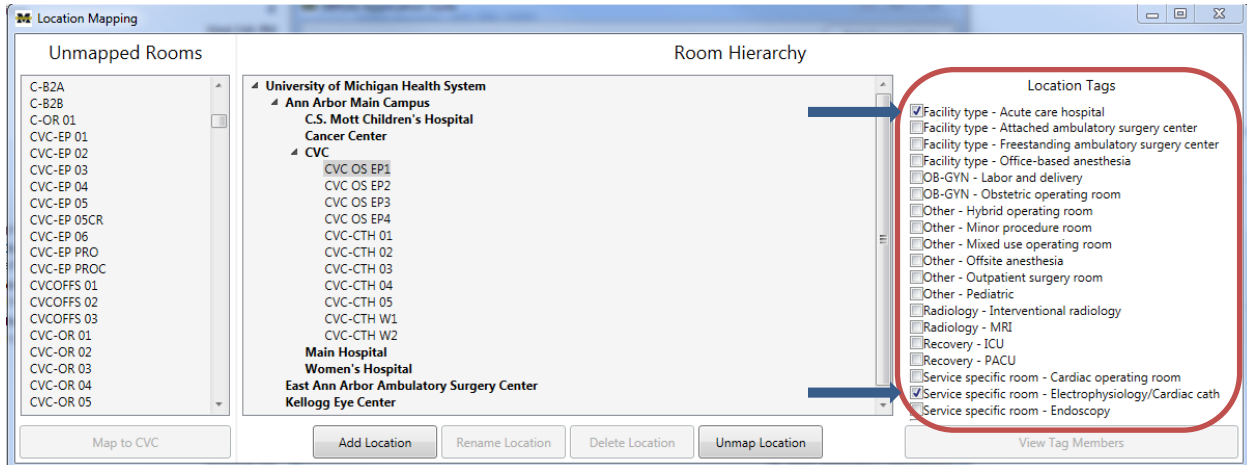

12. Continue mapping all unmapped rooms from the left column to the appropriate locations in the middle 'Room Heirarchy' column. **Epic Sites:** 'Unspecified Room' will remain in the unmapped rooms category and should not be mapped to a location as the 'unspecified room' designation is typically used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

13. 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 Heirarchy' list.

14. 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.

15. 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.

16. 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.

17. 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.

For questions or comments, please contact:

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