

An Overview of Capacity Management

niagarahealth









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What is Capacity Management?







What is Capacity Management

Capacity Management is an umbrella term for the following three tools:

1. CareAware (CapMan/Bedboard)

This is the tool that is used to monitor and manage bed assignments.

2. CareView Discharge Progression Board

The CareView Dashboard is an interactive visual management tool used during discharge progression huddles to identify barriers to discharge.

3. Command Centre

The Command Centre Dashboard is an interactive visual management tool that provides an one screen summary of patient data from across various platforms including CareAware and PowerChart.







Capacity Management (CapMan)

- Capacity Management is the primary application for patient flow. It displays the bed utilization of all inpatient areas, the bed status, pending transfers, discharges and more.
- Capacity Management enables tracking, managing, and optimizing the flow and alignment of people and resources throughout our organizations.
- It allows us to use one application instead of multiple like we do now. **Example:** if we assign an ED patient a bed it will automatically populate on the ED Tracker with the current availability of that bed (Occupied, Dirty, Being Cleaned, Available).







Foundational Terminology

- Gadgets the tabs you will see at the top of the application such as the Transfer List, the Discharge List, and the Patient List. The displayed gadgets can be personalized based on individual needs. Access to each gadget will be limited depending on the user's role.
- Hamburger Menu this is the menu to the left of a patient's name on a list that opens more options
- Patient Attributes are icons that appear on the bed board to inform staff of certain details related to a patient such as Isolation status, Level of Care, Falls Risk etc.
- Location Attributes are icons that appear on the bed board that relate to that specific room such as Negative Pressure Room, No Bathroom.



Accessing Capacity Management







Accessing Capacity Management

 Depending on your role, you will access capacity management via the icon on your desktop or it can be launched from PowerChart

Desktop Icon

PowerChart Icon











Customizing Your View in CapMan

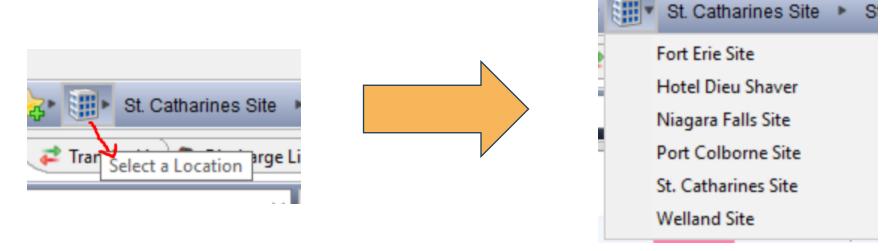






Select a Site

When you first login to CapMan, you will want to select your location. You only need to do this on your first login. Start by selecting your site:



This will display all information for the site that has been selected.

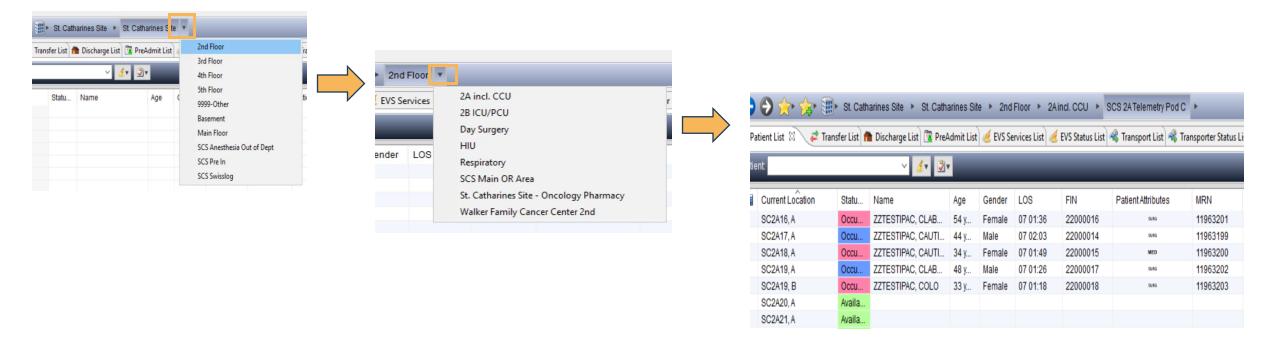






Displaying a Unit

Depending on your role, you may want to filter even further by displaying just the unit or pod you work on. To do this, continuing clicking on the arrow to the right until you're satisfied with your view.









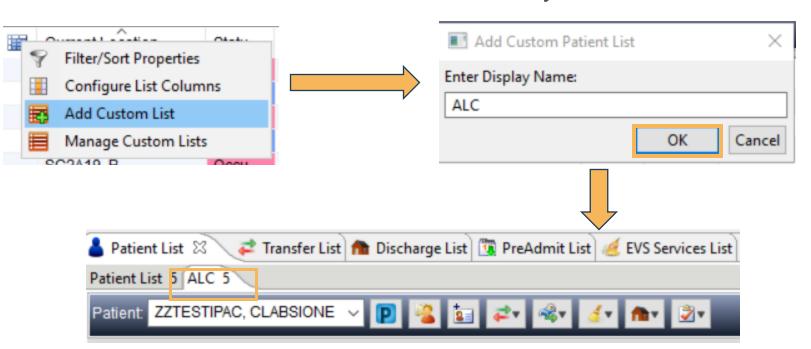
Creating a Custom List

You can create your own tabs that can display patients fitting certain criteria. For example, creating a custom list of all ALC patients on your unit.

Start by clicking on the spreadsheet icon in the top-left of the patient list

Select "Add Custom List" and enter create a name for your custom list. This will create

a new tab.





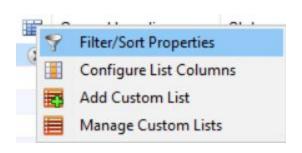


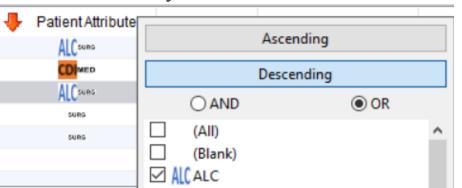


Filtering the Custom List

Once your list is created, you can add your desired filter.

- Start by clicking on the spreadsheet icon in the top-left of the patient list
- Select "Filter/Sort Properties" to turn on the ability to filter a column.
- Click on the "Patient Attributes" column and select only ALC.





 Now when you click the ALC tab on your patient list, you will see only ALC patient for the location you are viewing.

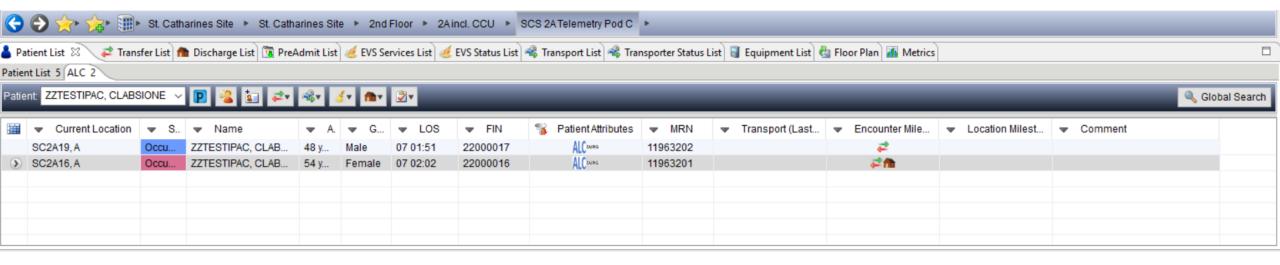






Filtered Custom List

This is the patient list for 2A pod C, showing only ALC patients



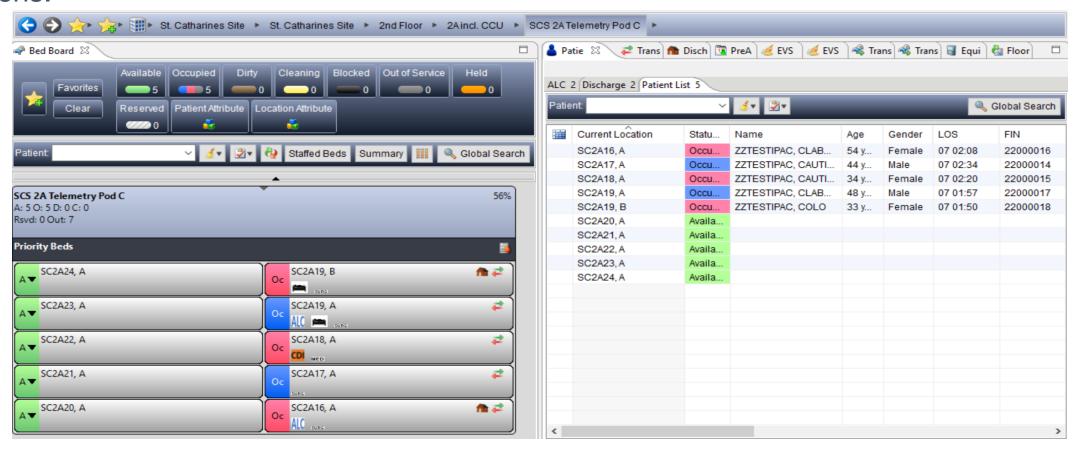






Customizing Your View

You also can move around your Gadgets (tabs) to be above, below, together or split the screens.



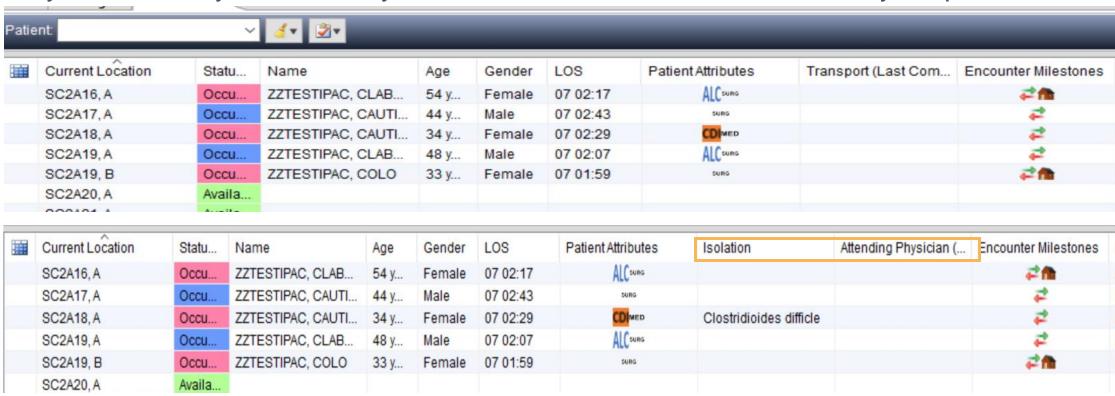






Customizing Your View

In any of the tabs you are easily able to move around the columns to your preferences.



Bed Flow and Viewing Bed Status







Bed Status

There are a few statuses a bed can be:

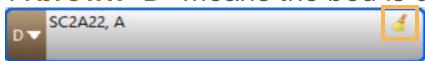
A green "A" means the bed is clean and ready for a patient



A yellow "C" means the bed is being cleaned



• A brown "D" means the bed is dirty and the broom icon tells you a clean request is in.



A grey "O" means the bed is out of service



• A black "B" means the bed is blocked



- An orange "H" means that bed is held for a patient. This is used when a patient is going to another NH site for treatment, but returning to their origina.
- A blue/pink/grey "OC" means the bed is occupied

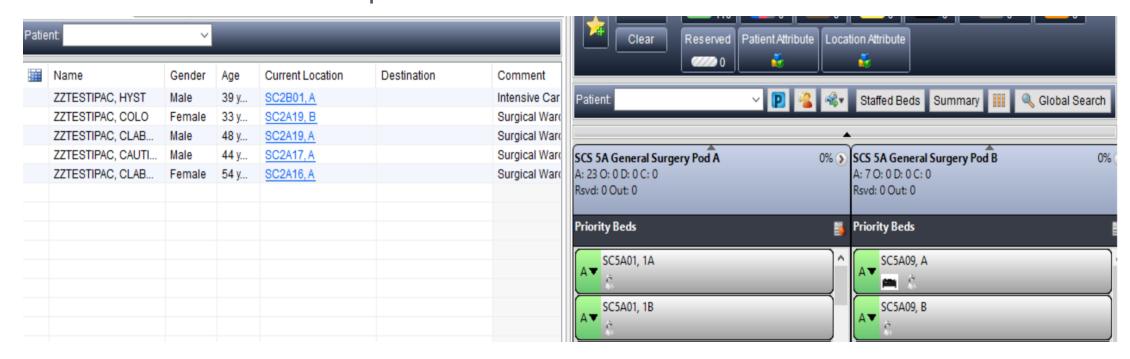








Only Bed Monitors will assign a patient to an appropriate bed by dragging their name from the transfer list to an open bed on the bed board.









Once assigned, the destination column on the transfer list will update with the assigned bed and the bed pill on the bed board will have lines across it to indicate that it has be targeted for a new patient.

							///// 1 🙀
	Name	Gender	Age	Current Location	Destination	Comment	
	ZZTESTIPAC, HYST	Male	39 y	SC2B01, A		ntensive Car	Patient: ∨ 🏄 🐉
•	ZZTESTIPAC, COLO	Female	33 y	SC2A19, B	SC5A01, 1A	Surgical Ward	
	ZZTESTIPAC, CLAB	Male	48 y	SC2A19, A		Surgical Ward	
	ZZTESTIPAC, CAUTI	Male	44 y	SC2A17, A		Surgical Ward	SCS 5A General Surgery Pod A 0%
	ZZTESTIPAC, CLAB	Female	54 y	SC2A16, A		Surgical Ward	A: 23 O: 0 D: 0 C: 0
							Rsvd: 1 Out: 0
							Priority Beds
							\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
							A▼ \$C5A01, 1A
							X







Double click on the bed pill to open the assignment window to confirm the reserved patient's details





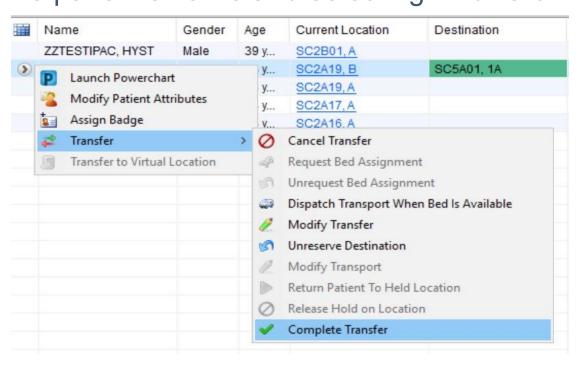




• If the patient is moved using a porter, then the transfer will be complete when the porter finishes the job on their mobile device. The patient will fall off the transfer list when complete.

 For transfers that do not involve a porter, manually complete the transfer by clicking the hamburger menu to the left of the patient's name and selecting "Transfer>Complete

Transfer"



Requesting A Porter







Requesting A Porter – Start with Connexall

Requester (DI – Tech, OR RN/Clerk, Hemodialysis or Oncology Staff)

- 1. Add all necessary appointment needs in patient Power Chart (example: sling, stretcher, etc.)
- 2. Open Connexall DAC and select the **Transport Prep Request** icon to request patient transport.
- 3. Search for patient and click **OK**



4. The requester will need to remove manually once appointment complete.







/ Ext: 43712

Requesting A Porter – Start with Connexall

Checking for Connexall Alerts Requesting Patients on the Desktop DAC, or WOW

Open Desktop DAC:



Double Click on call and Acknowledge

<u> </u>	Transport Prep Reque	12:33:4	42	18.13.24	SAA KIII SUSAU I	Bed IA		
Actions	Update Info							
	√ Acknowledge	Callback Number		E	Options	g†⇒ E	scalate	
			<u>C</u> lo	se				

When the patient is ready to go to the appointment (including having reviewed RN/Tech/Clerk requests - e.g. sling, stretcher, IV, etc) click Options.

The Unit Nurse selects Transport Request in CapMan and selects OK.

Modality: Dialysis







Requesting A Porter – Start with Connexall

Checking for Connexall Alerts Requesting Patients on the Vocera Badge

Alerts to badge – select appropriate alert



2. Open alert



3. Select an option and the call will clear off the badge



After completing one of the options above, you are now ready to move on to Capacity Management (CAPMAN) to request a Patient Transportation Porter.

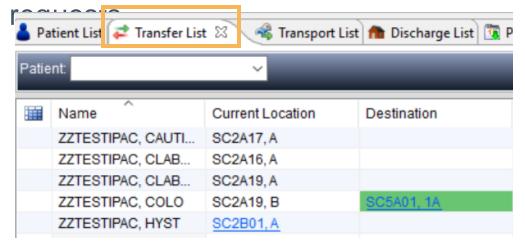


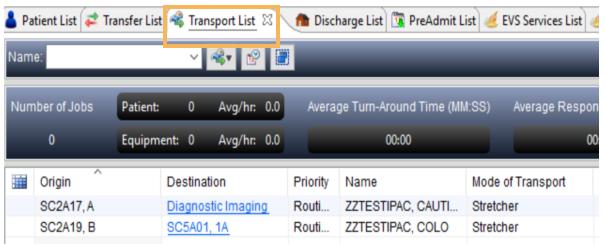




Requesting A Porter – Transfers & Transports

- For the areas that use Porters (ED, OR and DI), will be using Capman to request these actions to complete transfers and transports.
- Transfers are when a patient has been assigned a bed that they are physically moving to and staying in.
- **Transports** are a temporary movement to appointment or a procedure within the same hospital and always involve a porter.
- There is a "Transfer List" and "Transport List" tab (gadget) that display active





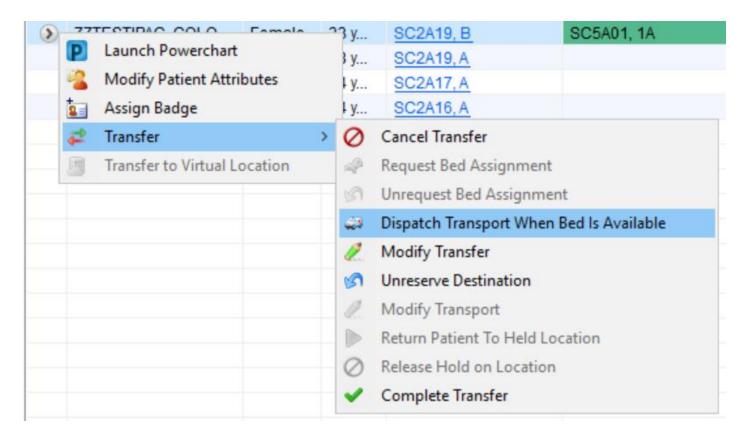






Requesting a Porter

To request a porter from the transfer list, use the hamburger menu and select "Transfer>Dispatch Transport When Bed is Available". This will send the request to the nearest porter's mobile device when the bed status is "Available"



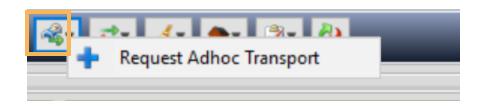




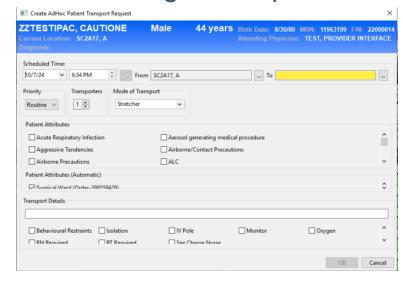


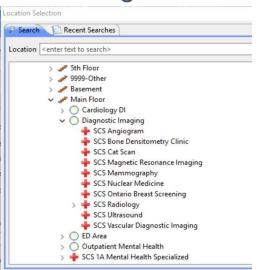
Requesting a Porter

To request a porter for temporary transport, find the patient on bed board and select the "Request AdHoc Transport" icon.



Fill in destination using the ellipses in the "to" field and selecting the desired location.





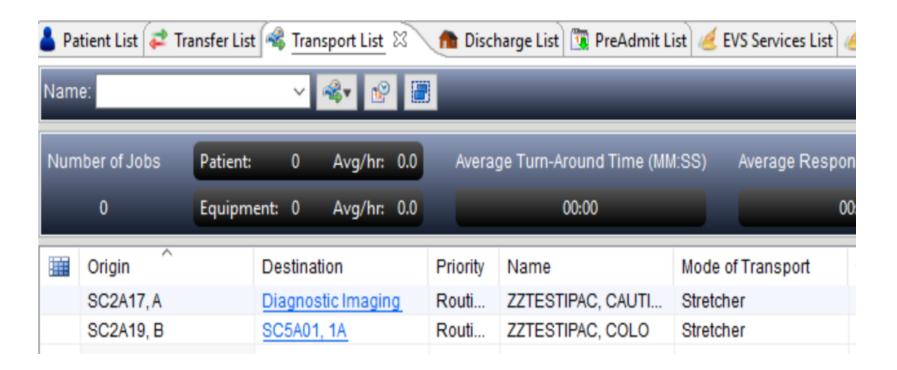






Requesting A Porter

When filed, this creates the request which will go to the nearest available porter's mobile device and fall onto the "**Transport List**" gadget.









A Note About Equipment

Capacity Management can also be used to transport equipment. The following is a list of items that can be requested for transport in Capacity Management.

All other requests should follow the current Connexall request process.

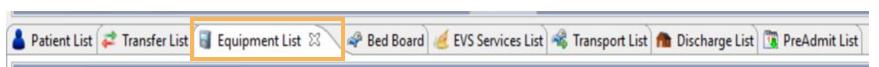
Description	Classification Type	Location
Code Blue Crash Cart	SCS Equipment Transprt	SCS MDR
Code Pink Crash Cart	SCS Equipment Transprt	SCS MDR
Code Blue Crash Cart	NFS Equipment Transport	NFS MDR
Code Blue Crash Cart	WS Equipment Transport	WS MDR
Blood Products (MTP)	SCS Equipment Transprt	SCS Blood Blank
Blood Products (Non Urgent)	SCS Equipment Transprt	SCS Blood Blank
TGLN Eyes/Tissue	SCS Equipment Transprt	SCS ER Reg/Lab
Lab Stat	SCS Equipment Transprt	SCS
Lab Routine	SCS Equipment Transprt	SCS
Lab Stat	NFS Equipment Transport	NFS
Lab Routine	NFS Equipment Transport	NFS
CT Contrast	SCS Equipment Transprt	SCS CT
CT Contrast	WS Equipment Transport	WS CT
CT Contrast	NFS Equipment Transport	NFS CT



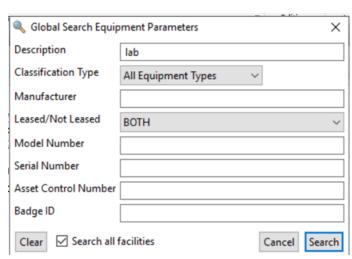




- 1. Log into Capacity Management
- 2. Click on the Building Icon and pick the correct site
- 3. Go to your 'Equipment List' tab.



4. On the Equipment List tab, click on the 'Global Search' button, a 'Global Search Equipment Parameters' window will open, in the 'Description' field type in what is being transported (in this example, lab has been entered) and hit 'Search'.



Fort Erie Site

Welland Site

Hotel Dieu Shaver

Niagara Falls Site Port Colborne Site St. Catharines Site



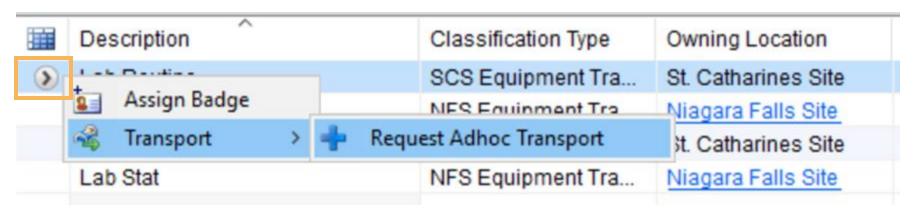




5. Using this example, Lab Routine and Lab Stat will now show on the **Equipment List**, be sure to pick the correct site.

Description	Classification Type
Lab Routine	SCS Equipment Tra
Lab Routine	NFS Equipment Tra
Lab Stat	SCS Equipment Tra
Lab Stat	NFS Equipment Tra

6. Click the arrow to the right of the correct **Description**, scroll to **Transport** and click on 'Request Adhoc Transport'.

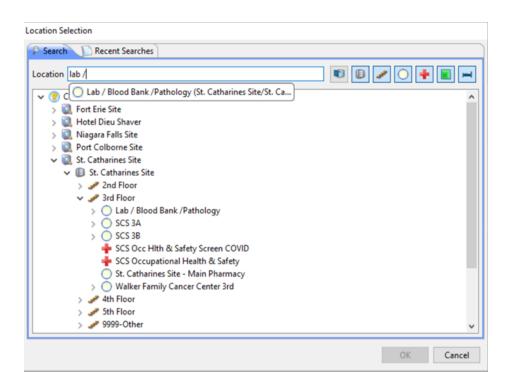


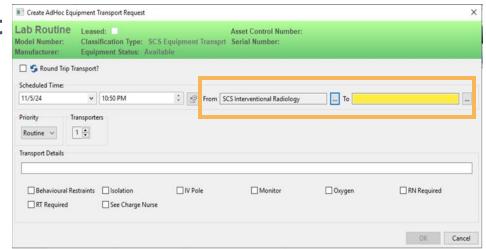






7. The create **AdHoc Equipment Transport Request** window will open. All necessary information including the specifics of where the equipment can be picked up and where it is going.





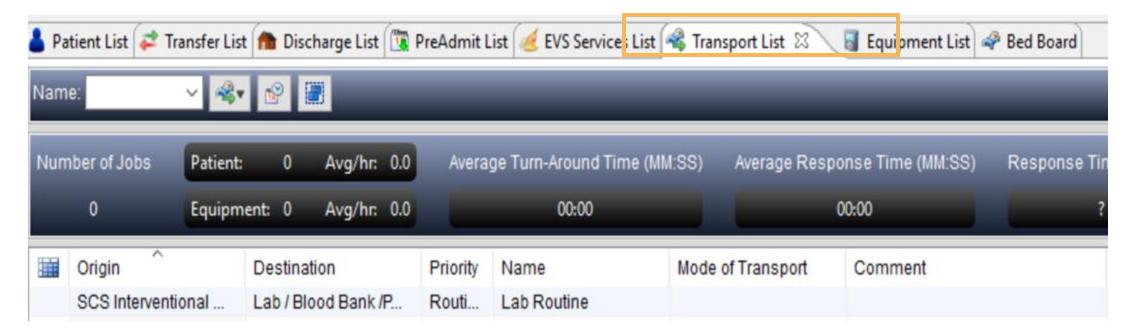
Note: To choose locations click on the ellipses beside the from and to fields and search for the areas needed and then hit **ok**.







8. Once this has been done this request will now be on the 'Transport List' tab and this request will be sent to the closest and available porter by using proximity.



The Porter will then come and get the equipment and deliver it as appropriate.







Additional Resources

Niagara Health Tip Sheet Site:

HIS Tip Sheets - Clinical | Niagara Health | Santé De Niagara

Digital Dive In Recording of Capacity Management Demo:

https://niagarahealthsystem.sharepoint.com/sites/source-net/Programs/HIS/Pages/Digital-Dive-ins.aspx