SELF-GUIDED PRACTICE WORKBOOK [N39] CST Transformational Learning

WORKBOOK TITLE: Nursing: Post-Operative





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# **Using Train Domain**

You will be using the train domain to complete activities in this workbook. It has been designed to match the actual Clinical Information System (CIS) as closely as possible.

Please note:

- Scenarios and their activities demonstrate the CIS functionality not the actual workflow
- An attempt has been made to ensure scenarios are as clinically accurate as possible
- Some clinical scenario details have been simplified for training purposes
- Some screenshots may not be identical to what is seen on your screen and should be used for reference purposes only
- Follow all steps to be able to complete activities
- If you have trouble to follow the steps, immediately raise your hand for assistance to use classroom time efficiently
- Ask for assistance whenever needed



# **\*** SELF-GUIDED PRACTICE WORKBOOK

| Duration               | 3 hours  |
|------------------------|--|
| Before getting started | <ul> <li>Sign the attendance roster (this will ensure you get paid to attend the session)</li> <li>Put your cell phones on silent mode.</li> </ul>   |
| Session Expectations   | <ul> <li>This is a self-paced learning session</li> <li>A 15 min break time will be provided. You can take this break at any time during the session</li> <li>The workbook provides a compilation of different scenarios that are applicable to your work setting</li> <li>Each scenario will allow you to work through different learning activities at your own pace to ensure you are able to practice and consolidate the skills and competencies required throughout the session</li> </ul> |
| Key Learning Review    | <ul> <li>At the end of the session, you will be required to complete a Key Learning Review</li> <li>This will involve completion of some specific activities that you have had an opportunity to practice through the scenarios</li> <li>Your instructor will review and assess these with you</li> </ul>  |



## **PATIENT SCENARIO 1 – Phase I PACU**

#### Learning Objectives

At the end of this Scenario, you will be able to:

- Identify and demonstrate the steps to locate a patient with Perioperative Tracking and assign a relationship
- Demonstrate the steps to complete the bed transfer process
- Identify the steps to associate/disassociate BMDI
- Document patient care provided, medications and times

#### SCENARIO

A 54-year-old male with an inguinal hernia meets with a General Surgeon and is scheduled for an elective right inguinal hernia repair. The patient has a medical history of seizure disorder and a surgical history of appendectomy. Following his appendectomy he had a violent episode upon emergence, which was associated with the anesthetic drugs he received. His chart is screened by the PAC nurse and he is booked for a Nurse and Anesthesia PAC Appointment. He attends his PAC appointment and is determined fit for surgery. Surgery is scheduled three weeks from the date of the PAC appointment.

Focus of this Scenario:

The patient came to the hospital on the day of the procedure where mesh was implanted for the repair. The patient recovers in PACU and is then transferred back to SDCC to be discharged later that day.

**Note:** The activities within Scenario 1 cover functionality that will be applicable to both Phase I (PACU) and Phase II (SDCC) nurses. However, the activities in Scenario 1 are specific to PACU. Scenario 2 will cover activities specific to SDCC nurses.

As a PACU (Phase 1) Nurse you will be completing the following 12 activities:

- Navigate Perioperative Tracking
- Establish a relationship in the system with your patient and access the chart from Perioperative Tracking
- Use PM Conversation to complete the patient's bed transfer process
- Associating/disassociating Beside Medical Device Integration (BMDI)
- Complete handover from OR and Anesthesia
- Complete Perioperative documentation



- Documenting in Interactive View (iView)
- Review PowerPlans and Orders
- Administering Medication using the Medication Administration Wizard (MAW) and the barcode scanner
- Complete Discharge Criteria in iView
- Discontinuing a PowerPlan
- Update Patient Status in Perioperative Tracking



### Activity 1.1 – Navigate Perioperative Tracking

When you log into PowerChart as a PostOp Nurse, it will open to **Perioperative Tracking**.

Perioperative Tracking will display various views (or tabs) depending on your area/login. Utilization of Perioperative Tracking **LGH Phase I** view is recommended to access patient charts within the **LGH Phase I** unit. This view acts as a slate, a communication tool, and eliminates the need to search for patients individually.

| 🦻 PowerChart Organizer for TestSX, Nurse-Perioperative   |   |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|
| Task Edit View Patient Chart Links Case Actions Provider List Help   |   |  |  |  |  |  |  |  |  |
| Perioperative Tracking 🖕 Patient List Dynamic Case Tracking 😰 Case Selection 🌇 Time-Critical Procedures 🌇 LearningLIVE 🖕   |   |  |  |  |  |  |  |  |  |
| 😨 Patient Health Education Materials 🚳 Policies and Guidelines 🗇 🚳 CareConnect 🖗 🏨 Exit 🦬 AdHoc: 🎟 Medication Administration 💊 PM Conversation 👻 🖄 Medical Record Request 💠                              | Add 👻 🛅 Scheduling Appointment Book 📄 Documents 🎇 Staff Assign 🖀 Report Builder   |  |  |  |  |  |  |  |  |
|  | 🔹 🖓 Recent 📲 Name 🔹 🔍   |  |  |  |  |  |  |  |  |
| Perioperative Tracking   | 🗇 Full screen 🖷 Print 💸 0 minutes ago   |  |  |  |  |  |  |  |  |
| LGH Endo PreOp LGH Endo PostOp LGH Endo Incomplete LGH MTR IntraOp SGH PreOp SGH Intraop SGH Phase I SGH Phase I LGH Phase I LGH Phase I LGH Phase I LGH Emergency List LGH OB View LGH ECT LGH Pref Car | mergency List   SGH OB View   SGH Pref Card   SGH Case Communication<br>d   LGH Case Communication   LGH ASC PreOp   LGH ASC Phase II |  |  |  |  |  |  |  |  |
| Filter: LGH Phase I 👻 🗟 🖝 🙀 🛛 Total Cases: 4   |   |  |  |  |  |  |  |  |  |
| Status Start Stop Add PT Type CK Iso Alerts Allergy Patient Age / Sex Su   | rgeon Procedure Pt. Location Sc   |  |  |  |  |  |  |  |  |
| LGHOR GRS (1 case)   |   |  |  |  |  |  |  |  |  |
| 99:00 10:00 Pre-Inpatient CSTSNMCCOY, STJO:17 years / Ba   | ggoo, A "Consent Provided"; "Consent Given"   |  |  |  |  |  |  |  |  |
| LGHOR GRV (1 case)   |   |  |  |  |  |  |  |  |  |
| 08:00 09:25 Pre-Inpatient O. CSTSNKELLER, STKE17 years / Dia<br>Male   | amond, R "Consent Given"  |  |  |  |  |  |  |  |  |
| LGHOR KC (2 cases)   |   |  |  |  |  |  |  |  |  |
| 10:00 11:00 + Emergency CSTSNBRANDYBUCK/58 years / Pli<br>Male   | svcw, T "Arthroplasty Cemented Hip" ACWR  |  |  |  |  |  |  |  |  |
| 11:00 12:00 + Inpatient O CSTSNTOOK, STPERf60 years / Pli<br>Male  | svcw, T "Arthroplasty Cemented Hip"   |  |  |  |  |  |  |  |  |

- Any time you need to navigate back to Perioperative Tracking, you can click
   Perioperative Tracking from the Toolbar.
- Phase I patients will display on the LGH Phase I tracking view. Click the LGH Phase I tab to view the page.
- Each row within this table represents a patient. They are typically arranged by room (e.g. OR, PAC).

### Key Learnings Points

- The Perioperative Tracking view acts as a slate, a communication tool, and eliminates the need to search for patients individually.
- You can use the Perioperative Tracking within the toolbar to return to this view from any other area of the application.

1



# Activity 1.2 – Access the Chart from Perioperative Tracking

| LGH PAC LGH PreOp   | LGH Intrao  | LGH Phase I | LGH Phase II    | LGH Emergency List   LGH OB Vi | ew LGH ECT | LGH Pref Card LGH Case |
|---------------------|-------------|-------------|-----------------|--------------------------------|------------|------------------------|
| Filter: LGH Phase I | - 1 🖻 🔞 📾 🖬 | 🗧 🛛 😽       | Cases: 7        |                                |            |                        |
| Status              | Start       | Stop        | Add PT Type     | CK Iso Alerts                  | Allergy    | Patient                |
| LGHOR GAR (1        | case)       |             |                 |                                |            |                        |
|                     | 07:50       | 09:05       | Pre-Inpatient   |                                | 0          | CSTSNORGANA, STLEIA    |
| LGHOR GRV (2        | cases)      |             |                 |                                |            |                        |
|                     | 10:00       | 11:00       | Pre-Day Surgery |                                | 0          | CSTSNHUTT, STJABA THE  |
| Pt. in Phase I      | 11:00       | 11:50       | Inpatient       | <u></u>                        | •          | CSTPRODBCSN, ANESTHES  |
| LGHOR KC (3 c       | ases)       |             |                 |                                |            |                        |
|                     | 12:00       | 13:00       | Pre-Day Surgery |                                | G          | CSTSNWORKBOOK, REVIEW  |
|                     | 11:00       | 12:00       | Pre-Day Surgery |                                | Q          | CSTSNWORKBOOK, INTRAO  |
|                     | 07:45       | 08:32       | + Day Surgery   |                                | Q          | CSTPRODBCSN, ALEX      |
| LGHOR WHS (1        | case)       |             |                 |                                |            |                        |
| 2                   | 07:45       | 09:07       | Pre-Day Surgery |                                | <u>e</u> ł | CSTSNWORKBOOK, POSTO   |

- 1. Select the LGH Phase I view tab
- Select the appropriate patient by clicking in the left most empty cell beside the patient's information. A Blue forward arrow is will appear. Double-click the Blue forward arrow to open the patient's chart.

| P Assign a Relationship                                       | ×  |
|---|----|
| For Patient: CSTSNWORKBOOK, POSTOP                            |    |
| Relationships:<br>Nurse 3                                     | _  |
| Quality / Utilization Review<br>Research<br>Unit Coordination |    |
|   |    |
|   |    |
|   |    |
| 4 OK Canc   | ei |

3. If this is the first time logging in to a patient's chart, you will be prompted to establish a relationship with the patient's electronic chart. The **Assign a Relationship** window will display. Verify that this is the correct patient. Select Nurse to assign relationship.



**Note:** If this is the wrong patient, click the cancel button to return to Perioperative Tracking View.

4. Click OK

| CSTSNWORKBOOK, POSTOP - 700008576 Opened by TestSX, Nurse-Perioperative |                             |                           |                    |                    |                             |                |              |  |
|---|-----------------------------|---------------------------|--------------------|--------------------|-----------------------------|----------------|--------------|--|
| Task Edit View Patient Chart  | Links Navigation Help       |                           |                    |                    |                             |                |              |  |
| 🕴 Perioperative Tracking 🛔 Patient List D                               | Oynamic Case Tracking 🎁 Cas | e Selection 👫 Time-Critic | al Procedures 📲 Le | earningLIVE 📮      |                             |                |              |  |
| 2 🖸 Patient Health Education Materials 🦿                                | Policies and Guidelines 🙄 👯 | 👌 CareConnect 🙄 🛛 🗺 T     | ear Off 📶 Exit 🍟   | AdHoc IIIII Medica | ation Administration   🔒 PM | Conversation + | 🖹 Me         |  |
| CSTSNWORKBOOK, POSTOP   |                             |                           |                    |                    |                             |                |              |  |
|   | DOB:04-Dec-1990             | MRN:700008576             | Code Status:       |                    | Process:                    |                |              |  |
|   | Age:27 years                | Enc:7000000016120         |                    |                    | Disease:                    |                |              |  |
| Allergies: Allergies Not Recorded                                       | Gender:Female               | PHN:9876418312            | Dosing Wt:         |                    | Isolation:                  |                |              |  |
| Menu P  | < 🔿 🔹 者 Periop              | erative Summary           |                    |                    |                             |                |              |  |
| Perioperative Summary   |                             | 100% - 0                  | ł                  |                    |                             |                |              |  |
| Perioperative Doc   | Droop Summany               | M Intraon Summany         | S2 Docton Ci       | ummanı 🕅           | Handoff Tool ♡              | Quick Ordors   |              |  |
| Orders 📥 Add  | Preop Summary               |                           | 23 Postop St       |                    |                             | Quick Orders   |              |  |
| MAR   | Procedural Informati        | ion                       | E 🕤 🔗 🛛 Pov        | werForms (0)       | <b>₽ -</b>                  | ≣∙ ∾           | Pre          |  |
| MAR Summary   | Case Number:                | I GHOR-2017-1692          | Vita               | al Signs 📥 🗕       |                             | =- 0           | Sel          |  |
| Interactive View and I&O  | Primary Procedure:          | Repair Hernia Inquina     |                    |                    |                             | - •            | NPO          |  |
| Results Review  | Surgical Free Text:         | inguinal hernia           | Sel                | iected visit 🔻     |                             |                | Cons         |  |
|   | Anesthesia Type(s):         | Defer to Anesthesia       | No re              | esults found       |                             |                | ECG          |  |
| Form Browser  | Surgeon:                    | Test, Alex                |                    |                    |                             |                | H&P          |  |
| Histories   | Surgery Start:              |                           | Lab                | )S                 |                             | ≣• ⊘           | ID V<br>Cite |  |
| Allergies 🕂 Add   | Surgery Stop:               |                           | Sel                | lected visit 🔫     |                             |                | Site         |  |
| Diagnoses and Problems  | Anesth Start:               |                           | No re              | esults found       |                             |                | Out          |  |
|   | Anesth Stop:                |                           |                    |                    |                             |                | out          |  |
|   | Allorgios (0)               |                           | = A Mea            | asurements and     | d Weights (0)               | ≣∙⊘            | Sel          |  |

Verify that this is the correct patient's chart. The Perioperative Summary page is where you will find an overview of a patient's information.

### **Key Learning Points**

The Blue forward arrow indicates that you have selected a patient in the tracking view.

- Users accessing a patient's information for the first time are prompted to assign the relationship with the patient, for example, Nurse.
- Verify the correct patient's chart has opened.



### Activity 1.3 – Use PM Conversation to complete the patient Bed Transfer process

Patient Management Conversation (PM Conversation) provides access to manage alerts (such as falls risk or isolation precautions), patient location, encounter information, demographics and to complete bed transfer details such as assigning a bed to a patient.

Assign the patient to a PACU bed.

| SX, Nurse-Perioperative |                              |                                       |                   |               |
|-------------------------|------------------------------|---------------------------------------|-------------------|---------------|
| Help                    |                              |                                       |                   |               |
| king 🞁 Case Selection   | 🎬 Time-Critical Procedures 🕴 | 🖥 LearningLIVE 🖕                      |                   | 14            |
| lelines 🍟 🤅 😋 CareCon   | nect 🍟 🗄 🗺 Tear Off 📲 Exit   | AdHoc IIIII Medication Administration | 🚨 PM Conversation | 🗎 Medical Rec |
|                         |                              | 1                                     | Bed Transfer      |               |
| DOB:30-Oct-1963         | MRN:700008243                | Code Status:                          | Cancel Discharg   | e             |
| Age:54 years            | Enc:7000000016286            |                                       | Cancel Pending    | Transfer      |
| Gender:Male             | PHN:9876429433               | Dosing Wt:                            | Cancel Transfer   | 8             |

1. Click the drop-down arrow within **PM Conversation** • in the Toolbar and select **Bed Transfer** to open the Bed Transfer window.

| <ul> <li>New Encounter Information</li> </ul>     |                     |                    |       |    |
|---|---------------------|--------------------|-------|----|
| Encounter Type:                                   | Medical Service:    |                    |       |    |
| Pre-Day Surgery 🔻                                 | General Surgery 👻   |                    |       |    |
| — New Location Data ———                           |                     |                    |       |    |
| Building: 2                                       | Unit/Clinic:        |                    | Room: | Be |
| LGH Lions Gate                                    | LGH PACU 1          | 3 Bed Availability | •     |    |
| <ul> <li>Current Physician Information</li> </ul> |                     |                    |       |    |
| Attending Provider:                               | Admitting Provider: |                    |       |    |
|   | Q                   |                    |       |    |
| <ul> <li>Transfer Information</li> </ul>          |                     |                    |       |    |

2. Select LGH PACU 1 from the Unit/Clinic drop-down.

**Note:** The fields highlighted in Yellow are mandatory.

3. Click Bed Availability to open the Bed Availability window.



| 📴 Bed Availability 👘 🗖 💌 |     |            |           |                               |            |    |     |        |      |  |
|--------------------------|-----|------------|-----------|-------------------------------|------------|----|-----|--------|------|--|
| Facility: LGH Lions Gate |     |            |           |                               |            |    |     |        |      |  |
| Building: LGH Lions Gate |     |            |           |                               |            |    |     |        |      |  |
| Room                     | Bed | Nurse unit | Isolation | Person 4                      | Bed status | In | Out | Sex    | Me 🔺 |  |
| 🚔 PACU 1                 | 20  | LGH PACU 1 |           | CSTPRODBCSN, DAVID            | Assigned   |    |     | Male   | 70   |  |
| 🚔 PACU 1                 | 21  | LGH PACU 1 |           | CSTSITTHREESMITH, SITTWOBETTY | Assigned   |    | 1   | Female | 70   |  |
| 🚔 PACU 1                 | 22  | LGH PACU 1 |           | CSTSNKING, STLION             | Assigned   |    |     | Male   | 70 = |  |
| 🚔 PACU 1                 | 26  | LGH PACU 1 |           | CSTPRODREG, DAYSURG           | Assigned   |    |     | Female | 70   |  |
| 🚔 PACU 1                 | 27  | LGH PACU 1 |           | MHTEST, SHERRY                | Assigned   |    |     | Female | 70   |  |
| 🚔 PACU 1                 | 28  | LGH PACU 1 |           | CSTPRODBCSN, POSTOPPAIN       |            | 1  | 1   | Male   | 70   |  |
| 🚔 PACU 1                 | 29  | LGH PACU 1 |           | CST-TTT, BLOGGENS             | Assigned   |    |     | Male   | 70   |  |
| 🚔 PACU 1                 | 30  | LGH PACU 1 |           | CSTDEMO, ZEUS                 | Assigned   |    |     | Male   | 70   |  |
| 📥 PACU 1                 | 31  | LGH PACU 1 |           |                               | Available  |    |     |        |      |  |
| 🚔 PACU 1                 | 32  | LGH PACU 1 |           | CSTSNSESSION, STMORNINGONE    | Assigned   |    |     | Male   | 70   |  |
| 🚔 PACU 1                 | 33  | LGH PACU 1 |           | CSTPRODOS, ORDERS             | Assigned   |    |     | Female | 70   |  |
| 🚔 PACU 1                 | 34  | LGH PACU 1 |           | CSTSNLIU, STLUCY              | Assigned   |    |     | Female | 70 👻 |  |
| •                        |     |            |           |                               |            |    |     |        | P    |  |
|                          |     |            |           |                               | -          |    |     |        |      |  |
|                          |     |            |           |                               | 0          | OK |     | Cano   | el.  |  |

- 4. Click the appropriate **PACU 1** bed/chair/waiting room which has a **Bed Status** as "Available"
- 5. Click OK
  - The Room and Bed fields will populate, Accomodation will autopopulate.

| New Encounter Information - Encounter Type: Pre-Day Surgery New Location Data | Medical Service:<br>General Surgery | •   |                 |              | Note that Room<br>and Bed are<br>autopopulated. |                       |
|---|-------------------------------------|---|-----------------|--------------|---|-----------------------|
| Building:   | Unit/Clinic:<br>LGH PACU 1          | Bed Availability                                    | Room:<br>PACU 1 | Bed:<br>▼ 36 | Accommodation:                                  | Accommodation Reason: |
| Attending Provider:   | Admitting 6                         |   |                 |              |   |                       |
| Transfer Date:  | Transfer Time:                      | Bed Transfer User Name:<br>TestSX, Nurse-Perioperal |                 |              |   |                       |

- 6. Complete the remaining mandatory fields:
  - Attending Provider: <Surgeon's Name>
  - Transfer Date: <Enter Today's Date>
    - i. Hint: Typing "T" will autopopulate the current Date
  - Transfer Time: <Enter Applicable Time>
     ii. Hint: Typing "N" will autopopulate the current Time
- 7. Click Complete and Refresh <

```
Location:LGH PACU 1; PACU 1; 31
Enc Type:Day Surgery
Attending:Plisvca, Rocco, MD
```

The patient's bed location will now display on the right side of the Blue Banner Bar in the patient's chart.



# Key Learning Points

- The fields highlighted in Yellow indicate mandatory fields that must be completed.
  - Remember to select beds that have an "Available" Bed Status.



### Activity 1.4 – Associating/Disassociating Bedside Medical Device Integration (BMDI)

Bedside Medical Device Integration (BMDI) auto-populates patient's vital signs and hemodynamic measures data directly into the patient's electronic chart. The information flows to the Interactive View and I&O (iView) part of the chart.

To associate/set-up Bedside Medical Device Integration (BMDI):

| CSTSNWORKBOO           | K, REVIEW | ×                                     |                    |                           |   |                  |   |
|------------------------|-----------|---------------------------------------|--------------------|---------------------------|---|------------------|---|
| CSTSNWORKBOO           | K, REVIEW |                                       |                    | Code Status:              |   |                  |   |
|                        |           | Age:54 years                          | Enc:700000016578   |                           |   | Disease:         |   |
| Allergies: Adhesive B  | andage    | Gender:Male                           | PHN:9876429433     | Dosing Wt:                |   | Isolation:       |   |
| Menu                   | <b>P</b>  | < 🔻 🛉 Interactive View and I&O        | G                  |                           | Device Association 3                    | 6                | × |
| Perioperative Summary  |           | ** 🖃 🖽 🐼 🖌 😥 🕲 🛄 🍋 🗶                  | Help               |                           |   |                  |   |
| Perioperative Doc      |           | 2                                     |                    |                           |   |                  |   |
| Orders                 | 🛨 Add     | Yeriop Quick View                     | CSTSNWORKBOOK, R   | EVIEW MRN: 70000824       | 43 DOB: 10/30/1963 Gender: Male         |                  |   |
| MAR                    |           | Phase I Arrival<br>Phase II Arrival   | Associated Devices |                           |   |                  |   |
| MAD C                  |           | VITAL SIGNS                           | Select All         |                           |   | 🗶 Disassociate 🛪 |   |
| MAR Summary            |           | Modified Early Warning System         |                    | There                     | are currently no associated devices.    |                  |   |
| Interactive View and I | &0        | Pediatric Early Warning System        |                    |                           |   |                  |   |
| Results Review         |           | 1 RESPIRATORY                         |                    |                           |   |                  |   |
| Form Browser           |           | Sedation Scales                       |                    |                           |   |                  |   |
| Histories              |           | Discharge Criteria<br>PAIN ASSESSMENT |                    |                           |   |                  |   |
| Allergier              | Add       | Comfort Measures                      |                    |                           |   |                  |   |
| Allergies              | - Aug     | Incision/Wound/Skin/Pin Site          |                    |                           |   |                  |   |
| Diagnoses and Problems |           | Surgical Drains/Tubes                 |                    |                           |   |                  |   |
|                        |           | Neuro Drains                          |                    |                           |   |                  |   |
| CareConnect            |           | Urinary Catheter                      |                    |                           |   |                  |   |
| Clinical Bassach       |           | Urine Output                          |                    |                           |   |                  |   |
|                        |           | Activities of Daily Living            |                    |                           |   |                  |   |
| Documentation          | + Add     | Specimen Collect                      |                    |                           |   |                  |   |
| Immunizations          |           | Restraint Information                 |                    |                           |   |                  |   |
| Lines/Tubes/Drains Sum | nmary     | Warming/Cooling                       |                    |                           |   |                  |   |
| Medication Request     |           | Provider Notification                 |                    |                           |   |                  |   |
| Patient Information    |           |                                       |                    |                           |   |                  |   |
| Reference              |           |                                       |                    |                           | A 7                                     |                  |   |
|                        |           |                                       | Device Search 4    |                           |   | <b>5</b>         |   |
|                        |           |                                       |                    |                           |   | R Associate      |   |
|                        |           |                                       |                    |                           |   |                  |   |
|                        |           | Yeriop Systems Assessment             |                    | System Time: 1/25/2018 12 | 2:39 PST User: sxtest.rnsx@p0783.phsa_c |                  |   |
|                        |           | 📲 🔍 Periop Safety Departure           |                    | and enange                |   |                  |   |

- 1. Select Interactive View and I&O from the Menu
- 2. Click Associate Device icon 📓
- 3. The device association window displays
- 4. Scan the BMDI device or manually enter the device name in the Device field and press Enter on your keyboard.
  - In this activity, you will have to manually enter the BMDI device provided at the beginning of the class (PDP)
  - Select the associated BMDI device.
- 5. Click Associate
- 6. Click X to close the Device Association window



2 Prior to leaving the PACU, BMDI disassociation is required.

To disassociate BMDI:

| CSTSNWORKBOOK, REVIEW       |  |        |                       |  |                             |
|-----------------------------|--|--------|-----------------------|--|-----------------------------|
| CSTSNWORKBOOK, REVIEW       | DOB:30-Oct-1963                                      | MRN:70 | 0008243 Code Status:  |  | Process:Seizure Precautions |
|                             | Age:54 years   | Enc:70 | Ø                     | Device Association 3                       | × 8                         |
| Allergies: Adhesive Bandage | Gender:Male  | PHN:9  | Hale                  |  |                             |
| Menu 4                      | < 👻 🔹 👘 Interactive View and I&O                     |        |                       |  |                             |
| Perioperative Summary       |  |        | CSTSNWORKBOOK, REVIEW | MRN: 700008243 DOB: 10/30/1963 Gender Ma   | le 🔗                        |
| Perioperative Doc           | 2  |        |                       |  |                             |
| Orders Add                  | Veriop Quick View                                    |        | Associated Devices    | 4  |                             |
|                             | Phase I Arrival                                      |        | Select All            |  | 🗮 Disassociate 🛪            |
| MAR                         | Phase II Arrival                                     | _      |                       | There are currently no associated devices. | 5                           |
| MAR Summary                 | Modified Early Warning System                        |        |                       |  | -                           |
| Interactive View and I&O    | Pediatric Early Warning System                       |        |                       |  |                             |
| Results Review              | Airway Management                                    |        | <b></b>               |  |                             |
| Form Browser                | Sedation Scales                                      |        |                       |  |                             |
|                             | Discharge Criteria                                   |        |                       |  |                             |
| Histories                   | PAIN ASSESSMENT                                      |        |                       |  |                             |
| Allergies 🕂 Add             | Logion /Wound /Skin /Pin Ste                         |        |                       |  |                             |
| Diagnoses and Problems      | Surgical Drains/Tubes                                |        |                       |  |                             |
|                             | Neuro Drains   |        |                       |  |                             |
| Conformat                   | Gastrointestinal Tubes                               |        |                       |  |                             |
| CareConnect                 | Unnary Catheter                                      |        |                       |  |                             |
| Clinical Research           | Activities of Daily Living                           |        |                       |  |                             |
| Documentation 🛛 🛨 Add       | Glucose Blood Point of Care                          |        |                       |  |                             |
| Immunizations               | Specimen Collect                                     | _      |                       |  |                             |
| Lines/Tubes/Drains Summan   | Warming/Cooling                                      |        |                       |  |                             |
|                             | Provider Notification                                |        |                       |  |                             |
| Medication Request          |  |        |                       |  |                             |
| Patient Information         |  |        | Device Search         |  |                             |
| Reference                   |  |        |                       |  | Associate                   |
|                             |  |        |                       |  | tag rissource               |
|                             |  |        | Device:               |  |                             |
|                             | al Defen Cashana farananat                           | _      |                       | Scan or Enter a device name.               |                             |
|                             | Periop Systems Assessment     Arrow Safety Departure |        |                       |  |                             |
|                             | A Parion Lines Devices                               |        |                       |  |                             |
|                             | V Intoke And Output                                  |        |                       |  |                             |
|                             | Advanced Graphing                                    |        |                       |  |                             |
|                             | Adult Education                                      |        |                       |  |                             |
|                             | Pediatric Education                                  |        |                       | 25 (2010 12 40 DCT 1)                      |                             |
|                             | C Endoscopy Quick View                               |        | System Time: 1/       | 20/2018 12:48 PST User: sxtest.rnsxi       |                             |
|                             | Chaoscopy dates from                                 |        |                       |  |                             |

Note: Steps 1 and 2 are only required if navigating from another aspect of the chart.

- 1. Select Interactive View and I&O from the Menu
- 2. Click Associate Device icon 📓
- 3. The device association window displays
- 4. Click the checkbox next to the desired BMDI Device from the **Associated Devices** section
- 5. Click Disassociate icon on the upper right side of the window
  - Verify disassociated device removed from list.
- 6. Click **X** to close the Device Association window.



BMDI captures data directly from bedside monitoring devices into Interactive View and I& O (iView).

- Ensure to review the data captured by BMDI.
- Disassociate BMDI prior to leaving PACU.



# Activity 1.5 – Complete Handover from OR and Anesthesia

1 The Perioperative Summary page contains a tab called Intraop Summary. This page can be used to review patient information with the oncoming nurse.

| Menu 7                     | < 🔹 🛉 Perioperative Summary                    |   |                          |  |
|----------------------------|--|---|--------------------------|--|
| Perioperative Summary 1    | 🏔 📄 🔍 🔍 100% 🛛 – I 🜑 🖷 🟠                       |   |                          |  |
| Perioperative Doc          | Preop Summary 2 Intraop Summary 23 Postop Summ | nary X3 Handoff Tool X3 Quick Orders X3                 | Discharge 💱 🔺            |  |
| Orders 🕂 Add               |  |   |                          |  |
| MAR 3                      | Procedural Information = • 🔿                   | Vital Signs 💠 🚽 🚍                                       | Intraoperative Summary   |  |
| MAR Summary                | Case Number: LGHOR-2017-1708                   | Selected visit 🔻  | △ Dressing/Packing (0)   |  |
| Interactive View and I&O   | Primary Procedure: Repair Hernia Inguinal      | No results found  | Itoms:                   |  |
| Results Review             | Surgical Free Text: Repair Hernia Inguinal     |   | Site and Details:        |  |
| E                          | Anesthesia Type(s): Defer to Anesthesia        | Labs 🔤 🔹 📀  | ⊿ Implant/Prosthetic (0) |  |
|                            | Surgeon: Plisvcw, Tyler, MD                    | Selected visit 🔻  | Implant/Evaluate         |  |
| Histories                  | Surgery Start:                                 | No results found  | Description:             |  |
| Allergies 🕂 Add            | Surgery Stop:                                  |   | Serial Number:           |  |
| Diagnoses and Problems     | Anesth Start:                                  | Measurements and Weights $(0)$ $\equiv \bullet \otimes$ | Lot Number:              |  |
|                            | Anestn Stop:                                   | Selected visit  | Manufacturer:            |  |
|                            | Alleration (1)                                 |   | Catalog Number:          |  |
| CareConnect                | Allergies (1) - = • 🗞                          | No results found  | Size:                    |  |
| Clinical Research          | All Visits                                     | Home Medications (2)                                    | Implant Site:            |  |
| Documentation 🕂 Add        | Adhesive Bandage Erythema                      | Home Medications (2)                                    | Quantity:                |  |
| Immunizations              |  | Medications 🕂 🔳 🗐                                       | ⊿ Cultures/Specimens (0) |  |
| Lines/Tubes/Drains Summary | Diagnoses =• 🗞                                 | Selected visit  | Culture Orders           |  |
| Medication Request         | Selected visit                                 | 4 Scheduled (0)   | Placed:                  |  |
| Patient Information        | No results found                               | ∠ Continuous (0)  | Placed:                  |  |
|                            | Englisher Tra                                  | ⊿ PRN/Unscheduled Available (0)                         | ⊿ Devices (0)            |  |
| Reference                  | Problems =• o                                  | Administered (0) Last 24 hours                          |                          |  |
|                            | All Visits                                     | ⊿ Suspended (0)   | Perioperative Tracking   |  |

- 1. Select **Perioperative Summary** from the **Menu**.
- 2. Select the Intraop Summary tab.
- 3. Review the components within the Intraop Summary tab.

**Note:** Headings within Intraop Summary page can be clicked to access the corresponding part of the chart.

2 Document that you have given Report or Handoff in iView by completing the following steps:

| Menu 7                     | < 🔹 🔺 Interactive View and I&O |                          |
|----------------------------|--------------------------------|--------------------------|
| Perioperative Summary      | 🖦 🖃 🛯 🗗 🖌 🕺 🗑 📰 📖 🃾 🛪          |                          |
| Perioperative Doc          |                                |                          |
| Orders 🕂 Add               | Veriop Quick View              |                          |
|                            | Veriop Systems Assessment      |                          |
|                            | Periop Safety Departure 2      | Critical High Low Abn    |
| MAR Summary                | Transfer/Transport             | Comments Flag Da         |
| Interactive View and I&O 1 | Shift Report/Handoff           | 11 Dec 2017              |
| Results Review             |                                | 11-Dec-2017<br>15:52 PST |
| Form Browser               | ∠ Shift Report/Handoff         | 3                        |
| Historias                  | Clinician Receiving Report     | t Nurse 1                |
|                            | Lines Traced Site to Source    | Nurse 2                  |
| Allergies 🕂 Add            | Orders Reviewed                |                          |
| Diagnoses and Problems     | Isolation Activity             |                          |
|                            |                                |                          |
| CareConnect                |                                |                          |
| Clinical Research          |                                |                          |



- 1. Select Interactive View and I&O from the Menu
- 2. Select Shift Report/Handoff section from Periop Safety Departure
- 3. Document using the following data:
  - Clinician Receiving Report = Nurse 1
  - Clinician Giving Report = Nurse 2
- 4. Click **Green checkmark** icon ✓ to sign

Note: Not that not all fields are mandatory.

3

Within the **Handoff Tool** there is an **Informal Team Communication** component that can be used for documentation of informal communication between all interdisciplinary care team members. Use the **Add new comment** section to leave a comment for the oncoming nurse or other team members.

**Note**: Items documented within the Informal Team Communication component are **NOT** part of the patient's legal chart.

| CSTSNWORKBOOK            | REVIEW   |                                 |                       |                |                |                          |                      | 4 Liet                      |
|--------------------------|----------|---------------------------------|-----------------------|----------------|----------------|--------------------------|----------------------|-----------------------------|
| CSTSNWORKBOOK            | , REVIEW | DOB:30-Oct-1963<br>Age:54 years | MRN:700008243         | Code Status:   |                | Process:Seiz<br>Disease: | ure Precautions      | Location:LG<br>Enc Type:Pre |
| Allergies: Adhesive Bar  | ndage    | Gender:Male                     | PHN:9876429433        | Dosing Wt:     |                | Isolation:               |                      | Attending:                  |
| Menu                     |          | 🖌 < 🔸 🚹 Perioperativ            | e Summary             |                |                |                          |                      | (j                          |
| Perioperative Summary    |          | A                               | · · · · · ·           |                |                |                          |                      |                             |
| Perioperative Doc        |          | Preon Summary S?                | Intraon Summary S?    | Poston Summary | 2 Handoff Tool | S? Ouick Orde            |                      | Discharge S? 🔟              |
| Orders                   | 🖶 Add    | Troop Summary 23                |                       | oscop Summary  |                | 23 Quick of de           |                      | T                           |
| MAR                      |          | Informal Team                   |                       |                |                |                          |                      |                             |
| MAR Summary              |          | Communication                   |                       | nmunication    |                |                          |                      |                             |
| Interactive View and I&O |          | Active Issues                   | Add new action        |                |                | 4                        | Add new comment      |                             |
| Results Review           |          | Allergies (1)                   |                       |                |                |                          |                      |                             |
| Form Browser             |          | Vital Signs and Measurements    | No actions documented |                |                | 1                        | lo comments document | ted                         |
| Histories                |          | Documents (0)                   | All Teams             |                |                |                          | II Teams             |                             |
| Allergies                | 🖶 Add    | Transfer/Transport/Accompan     |                       |                |                |                          |                      |                             |
| Diagnoses and Problems   |          | iment (0)                       |                       |                |                |                          |                      |                             |

- 1. Select Perioperative Summary from the Menu.
- 2. Navigate to the Handoff Tool tab.
- 3. Select the Informal Team Communication component.
- 4. Click into the Add new comment box.



| Patient very anxious 5              |  |
|-------------------------------------|--|
|                                     | 980 characters left       980 characters left       Available to       6       Save       Cancel |
| No comments documented<br>All Teams |  |

- 5. Type the following text = *Patient very anxious*.
- 6. Click Save

| Key Learning Points  |
|--|
| Use the Intraop Summary tab to review patient information with the oncoming nurse.                 |
| Use Informal Team Communication to leave a comment for the oncoming nurse or other team members.   |
| Headings within Intraop Summary page can be clicked to access the corresponding part of the chart. |



### **Activity 1.6 – Complete Perioperative Documentation**

1

Begin To Access Perioperative Documentation for Phase I documentation:

| Mesu                     |   |     | <b>џ</b> |
|--------------------------|---|-----|----------|
| Perioperative Summary    |   |     |          |
| Perioperative Doc        |   |     | 1        |
| Orders                   | + | Add |          |
| MAR                      |   |     |          |
| MAR Summary              |   |     |          |
| Interactive View and I&O |   |     |          |
| Results Review           |   |     |          |
| Form Browser             |   |     |          |
| Histories                |   |     |          |
| Allergies                | ÷ | Add |          |
| Diagnoses and Problems   |   |     |          |
|                          |   |     |          |

1. Select **Perioperative Doc** from **Menu** Perioperative documentation.

Note: If the window below displays, you will select LGH Main OR and Click OK.

| Menu                       | 🐥 < 🔹 者 Perioperative Doc |                         | 🗇 Full screen 🛛 📾 Print 🛛 🌏 0 minutes ago |
|----------------------------|---------------------------|-------------------------|---|
| Perioperative Summary      |                           | Location Selection      |   |
| Perioperative Doc          |                           | Area Selection          |   |
| Orders 🕂 Ada               | bb                        | Existing Recent         |   |
| MAR                        |                           | ELSS LGH Endoscopy      |   |
| MAR Summary                |                           | E IST LGH MTR           |   |
| Interactive View and I&O   |                           | B-150 LGH Dut of OK     |   |
| Results Review             |                           | B-CC LGH Private Clinic |   |
| Form Browser               |                           | B-05 SGH Main OR        |   |
| Histories                  |                           |                         |   |
| Allergies 🕂 Ade            | dd                        |                         |   |
| Diagnoses and Problems     |                           |                         |   |
|                            |                           |                         |   |
| CareConnect                |                           |                         |   |
| Clinical Research          |                           |                         |   |
| Documentation 🛛 🕂 Ada      | dd                        | Stat Location:          |   |
| Immunizations              |                           | Area   OK Cancel        |   |
| Lines/Tubes/Drains Summary |                           |                         |   |
| Medication Request         |                           |                         |   |
| Patient Information        |                           |                         |   |
| Reference                  |                           |                         |   |





- 2. Select LGH PHASE 01 Record OR
- 3. Click OK

| < 🕞 👻 者 Perioperative Doc   |              | [□] Full screen | 💼 Print | ð.    | ago |
|---|--------------|-----------------|---------|-------|-----|
| 🖪 🗹 🔻 🎦 🧟 📽 🗳 哄 🖳   |              |                 |         |       |     |
| LGH Phase - 01 Record - OR<br>Documentation<br>Commentation<br>Case Times<br>Case Times | In Phase II: |                 |         |       |     |
|   | Comments     |                 | < P1 5  | Nexb> | 2   |
| 1   | B Z U        |                 |         |       | *   |

- 4. Enter the following for **Phase I Date and Times:** 
  - In Phase I (This is the time the patient arrives in the PACU)= e.g. 1500
  - **Ready for Phase II** (This is the time the patient has met criteria to be transferred from PACU)= *e.g. 1600*
  - **Discharge from Phase I** (This is the time the patient physically leaves PACU)= *e.g.* 1630
    - To enter the current time, hit N for "now" on your keyboard
- 5. Click **Next** (*Note: this step updates the Perioperative Tracking time*)

**Note:** It is recognized that you would not enter all times at the time from the various phases at once in a real situation.

The current time will also be documented when the time box is clicked (do not have to enter N for the current time). A modification to the currently documented time is possible by clicking the arrows for manually adjusting or manual entry via the keypad.

The current date is documented as soon as the time field is clicked (do not have to enter T for the



current date). A modification to the current date is possible by clicking the arrow for a calendar view or manual entry.

2 You must finalize the record to complete the documentation. Any incomplete documentation will be flagged at this point prompting you to complete your charting.

| < 🔹 🔺 Perioperative Doc   |  |   | [0] Full screen | (Constraint) | ð     | ag |
|---|--|---|-----------------|--------------|-------|----|
| E F 🔻 ち 🧟 🖆 🌮   |  |   |                 |              |       |    |
| LGH Phase - 01 Record - 0R   Documentation  GH Phase - 01 Segment Group - 0R  Cue Times | In Phase).<br>100 1 240et-2017 ★ w<br>Discharge from Phase 1:<br>1027 1 240et-2017 ★ w | Readu for Phase II.<br>1025 👘 2440ct-2017 👘 💌 |                 |              |       |    |
|   |  |   |                 | << Prev      | Next> | >  |

1. Click the **Finalize Flag** icon **\***. The Document Verified window opens.

|   | Document | t Verified  |
|---|----------|---|
| _ | ?        | Document has no deficits.<br>Would you like to finalize the document? |
|   |          | Yes No  |

2. Click Yes

The procedure will now be part of procedure history, which will flow to documentation section of the **Menu.** 





# Activity 1.7 – Documenting in Interactive View (iView)

1 Nurses will complete most of their documentation in **Interactive View and I&O (iView)**. iView is the electronic equivalent of current state paper flow sheets. For example, vital signs and pain assessment will be charted in iView.

| CSTSNWORKBOOK, POSTOP               |                                  |                   |                                    |                    |             |              |     | 🔶 List 🔿 🛛 🍋 Recent 🗸    |
|-------------------------------------|----------------------------------|-------------------|------------------------------------|--------------------|-------------|--------------|-----|--------------------------|
| CSTSNWORKBOOK, POSTOP               | DOB:04-Dec-1990                  | MRN:700008576     | Code Status:                       | Pro                | ocess:      |              |     | Location:LGH SDCC        |
|                                     | Age:27 years                     | Enc:7000000016120 | Desile a Mar                       | Dis                | ease:       |              |     | Enc Type:Pre-Day Surgery |
| Allergies: No known Medication Alle | rgies Gendertremale              | PHIN:9670416512   | Dosing wi:                         | 150                | iation:     |              |     | Attending:               |
| Menu 4                              | < 🔹 👻 🚹 Interactive View and     | d I&O             |                                    |                    |             |              |     | 🖂 Full screen 🏾 🕞        |
| Perioperative Summary               |                                  | ×                 |                                    |                    |             |              |     |                          |
| Perioperative Doc                   |                                  |                   |                                    |                    |             |              |     |                          |
| Orders 🕂 Add                        | Yeriop Quick View                |                   |                                    |                    |             |              |     |                          |
|                                     | Phase I Anival                   | <u>^</u>          |                                    |                    |             |              |     |                          |
| MAR                                 | Phase II Arrival                 | Find              | item 👻 🗐 Critical                  | High Low Abnorma   | al 📃 Unauth | 🔄 Flag       | And | © Or                     |
| MAR Summary                         | Modfied Early Warning System     | Read              | it .                               | Comments Flag Date |             | Performed By |     |                          |
| Interactive View and I&O 1          | Pediatric Early Warning System   |                   |                                    | Commente Prag Date |             | r onomod by  |     |                          |
| Results Review                      | Airway Management<br>BESPIRATORY | ₩ <sup>10</sup>   |                                    | 12-Dec-2017        |             |              |     |                          |
| Form Browser                        | Sedation Scales                  |                   | AL SIGNS                           |                    |             |              |     |                          |
|                                     | Discharge Criteria               | Tem               | nperature Oral                     | 4                  |             |              |     |                          |
| Histories                           | PAIN ASSESSMENT                  | Tem               | nperature Tympanic                 |                    |             |              |     |                          |
| Allergies 🕂 Add 2                   | Comfort Measures                 | E Api             | cal Heart Rate                     | bpm                |             |              |     |                          |
| Disease and Dephleme                | Incision/Wound/Skin/Pin Site     | Pen               | Ipneral Pulse Rate                 | bom                |             |              |     |                          |
| Diagnoses and Problems              | Surgical Drains/Tubes            | SRD               | DBP Cuff                           | mmHa               |             |              |     |                          |
|                                     | Gesterintentiant Tuber           | Cut               | floration                          |                    |             |              |     |                          |
| CareConnect                         | Liener Catheter                  | Me Mez            | an Arterial Pressure Cuff          | mmHa               |             |              |     |                          |
| Careconnect                         | Line Output                      | Mea               | an Arterial Pressure, Manual       | mmHg               |             |              |     |                          |
| Clinical Research                   | Activities of Daily Living       | Blo               | od Pressure Method                 |                    |             |              |     |                          |
| Documentation 📥 Add                 | Glucose Blood Point of Care      | Cen               | ntral Venous Pressure              | mmHg               |             |              |     |                          |
|                                     | Specimen Collect                 | Intr              | acranial Pressure                  | mmHg               |             |              |     |                          |
| Immunizations                       | Restraint Information            | Cer               | ebral Perfusion Pressure, Cuff     | mmHg               |             |              |     |                          |
| Lines/Tubes/Drains Summary          | Warming/Cooling                  | - d               | Oxygenation                        |                    |             |              |     |                          |
|                                     | C Perion Systems Assessment      |                   | Respiratory Rate                   | br/min             |             |              |     |                          |
| Medication Request 3                | A Parian Safety Departure        |                   | Measured O2% (FIO2)                |                    |             |              |     |                          |
| Patient Information                 | Periop Galety Departure          |                   | Oxygen Activity                    |                    |             |              |     |                          |
|                                     | Penop Lines-Devices              |                   | Oxygen Inerapy<br>Oxygen Elow Bata | L/min              |             |              |     |                          |
| Kelefence                           | V Intake And Output              |                   | Humidification Temperature         | DeaC               |             |              |     |                          |
|                                     | X Advanced Graphing              |                   | End Tidal CO2                      | mmHg               |             |              |     |                          |
|                                     | Adult Education                  |                   | SpO2                               | %                  |             |              |     |                          |
|                                     | V Pediatric Education            |                   | SpO2 Site                          |                    |             |              |     |                          |
|                                     | Cindoscopy Quick View            |                   | SpO2 Site Change                   |                    |             |              |     |                          |
|                                     | ED Adult Interventions           | ⊿ PAI             | IN ASSESSMENT                      |                    |             |              |     |                          |
|                                     | CD Addit Interventions           | Pair              | n Present                          |                    |             |              |     |                          |

1. Navigate to iView by selecting Interactive View and I&O from the Menu.

Now that the iView page is displayed, let's view the layout.

- A band is a heading that has a collection of flowsheets (sections) organized beneath it. In the image below, the Periop Quick View band is expanded displaying the sections within it.
  - The set of bands below **Periop Quick View** are collapsed. Bands can be expanded or collapsed by clicking on their name.
- 3. A **section** is an individual flowsheet that contains related assessment and intervention documentation. **Phase I Arrival** is a section.
- 4. A cell is the individual field where data is documented.



2

With the **Periop Quick View** band expanded, you will see the **Vital Signs** section. Document Vital Signs on your patient.

| < 🔹 🔹 者 Interactive View and I&O  |  |
|---|--|
| ™ 🗖 💷 🕸 🔽 🦺 🖿 🖿 🗰 🛪   |  |
| Periop Quick View      Phase I Anival      Phase II Anival      VITAL SIGNS      In the decision of page  |  |
| Modined Early Warning System<br>Pediatric Early Warning System<br>Airway Management<br>RESPIRATORY<br>Sedation Scales<br>Discharge Criteria<br>PAIN ASSESSMENT                        | Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second state       Image: Second state     Image: Second state     Image: Second state     Image: Second stat |
| Comfort Measures<br>Incision/Wound/Skin/Pin Site<br>Surgical Drains/Tubes<br>Neuro Drains<br>Gastrointestinal Tubes<br>Urinary Catheter<br>Urine Output<br>Activities of Daily Living | Mode of Arrival Patient Positioning Bed Position Provider Giving Report Type of Provider Periop Transported From Anesthesia Summary Review Surgical Summary Review Past Medical History Review real-time scenario  |
| Glucose Blood Point of Care<br>Specimen Collect<br>Restraint Information  | Anesthesia Type  |

- 1. Select the Phase I Arrival component under Periop Quick View
  - The **Patient Out of Procedure Time** will auto-populate from the Intraoperative documentation.
- 2. Double-click the Blue box next to Phase I Arrival to document several cells press **Tab** on your keyboard to move through the cells.
- 3. Document the following data:
  - Phase | Arrival= Checked
  - Patient ID Band On and Verified= Yes
  - Patient Positioning= Supine
  - **Provider Giving Report**= Dr. Lo
  - Type of Provider= Anesthesiologist
  - Anesthesia Type= General
- 4. To sign your documentation, click the Green checkmark icon 🖌



| < 🔹 🛉 Interactive View and I&O |   |                                       |                    |
|--------------------------------|---|---------------------------------------|--------------------|
| 🏎 🖃 🕬 🖌 🔽 🕽 🖿 🖿 🍋 🗶            |   |                                       |                    |
| 💊 Periop Quick View            |   |                                       |                    |
| Phase I Arrival                |   |                                       |                    |
| Phase II Arrival               |   | Find Item                             | High Low Abnormal  |
| VITAL SIGNS 5                  |   |                                       |                    |
| Modified Early Warning System  |   | Result                                | Comments Flag Date |
| Pediatric Early Warning System |   | <b>W</b> (12)                         |                    |
| Airway Management              |   | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 12-Dec-201         |
| RESPIRATORY                    |   |                                       | ଂଙ୍ଗ 10:55 P:      |
| Sedation Scales                |   | ⊿ VITAL SIGNS                         | DC                 |
| Discharge Criteria             |   | Temperature Oral                      | DegC               |
| PAIN ASSESSMENT                |   | Temperature lympanic                  | DegC 37            |
| Comfort Measures               | Ξ | Apical Heart Rate                     | 6                  |
| Incision/Wound/Skin/Pin Site   |   | Peripheral Pulse Rate                 |                    |
| Surgical Drains/Tubes          |   |                                       | mmHa               |
| Neuro Drains                   |   | SBP/DBP Cull                          | Dialet and         |
| Gastrointestinal Tubes         |   | Mean Arterial Pressure, Cuff          | mmHa               |
| Unnary Catheter                |   | Mean Arterial Pressure, Curi          | mmHg               |
| Antivities of Deity Living     |   | Blood Pressure Method                 |                    |
| Glucose Blood Point of Care    |   | Central Venous Pressure               | mmHg               |
| Specimen Collect               |   | Intracranial Pressure                 | mmHg               |
| Restraint Information          |   | Cerebral Perfusion Pressure, Cuff     | mmHg               |
| Warming/Cooling                |   | ⊿ Oxygenation                         |                    |
|                                |   | Respiratory Rate                      | br/min             |
| Periop Systems Assessment      |   | Measured O2% (FIO2)                   |                    |
| X Periop Safety Departure      |   | Oxygen Activity                       | Initiate O2 .      |
| Veriop Lines-Devices           |   | Oxygen Therapy                        |                    |
| 🗙 Intake And Output            |   | Oxygen Flow Rate                      | L/min              |
| Advanced Craphing              |   | Humidification Temperature            | DegC               |

- 5. Click the Vital Signs section under Periop Quick View
- 6. Enter the following information:
  - **Temperature Tympanic** = 37
  - Cuff Location: Right Arm
  - Oxygen Activity: Initiate O2 Therapy
  - Oxygen Therapy: Simple Mask
  - Oxygen Flow Rate = 10
  - SpO2 Site: Hand
    - Check BMDI data captured for Vital Signs

**Note:** Although BMDI is capturing certain metrics, some Vital Signs related metrics still require manual entry.

7. To sign your documentation, click the Green checkmark icon 🖌



| 10 W                      | 12-De       | -2017     |
|---------------------------|-------------|-----------|
|                           | 0 11:00 PST | 10:55 PST |
| ⊿ VITAL SIGNS             |             |           |
| Temperature Oral DegC     |             |           |
| Temperature Tympanic DegC |             | 37        |
| Apical Heart Rate bpm     |             |           |
| Peripheral Pulse Rate bpm |             |           |
| Heart Rate Monitored bpm  |             |           |
| SBP/DBP Cuff mmHg         |             |           |
| Cuff Location             |             | Right arm |
|                           |             |           |

Once the documentation is signed the text becomes black. In addition, notice that a new blank column appears after you sign in preparation for the next set of charting. The columns are displayed in actual time. You can now document a new result for the patient in this column. The newest documentation is to the left.

3

As there are many bands and sections associated with the postoperative workflow, please take the time to familiarize yourself with the content without having to complete it. Below are suggestions of some of the bands to review. These are some of the most commonly used ones:



**Note:** Although iView is shared documentation amongst clinicians and certain providers, Anesthesia related intake and output values do not pull through and auto-populate in PowerChart and therefore require re-entering (as in current state) by the PACU nurse from the Intraop Summary page which is reviewed during handover.



#### 4 Change the time in Interactive View

We will make an assumption that you were unable to complete IV insertion documentation at the time it was performed. You can create a new time column and document under a specific time. For example, the IV was inserted 30 minutes ago and you need to document it.

| <b>K</b> II                        | 04 Dec 2017 |                         |              |  |  |
|------------------------------------|-------------|-------------------------|--------------|--|--|
|                                    | 15:33 PST   | Change Column Date/Time | 🗙 :22 PST    |  |  |
| ⊿ Peripheral IV                    |             | 04-Dec-2017 🊔 🔻 100     | 00 🚔 PST     |  |  |
| ⊿ Peripheral Forearm Left 20 gauge |             |                         |              |  |  |
| Activity                           |             |                         | insert       |  |  |
| Patient Identified                 |             |                         | Identificati |  |  |
| Total Number of Attempts           |             |                         | In Error     |  |  |

- 1. The time column will be the current time. Click the **Insert Date/Time** icon **bu**.
- 2. A new column and Change Column Date/Time window appears.
- 3. Choose the appropriate date and time you wish to document. In this example, use: Today's date and 30 minutes previous.
- 4. Click the Enter key

#### 5 Document a Dynamic Group

Dynamic Groups allow the documentation and display of multiple instances of the same grouping of data elements. Examples of Dynamic Groups include Wound Assessments, IV Sites, and more. They are identified by the symbol

For the purposes of this scenario, assume that your patient requires a peripheral IV (PIV) to be inserted. After inserting the IV successfully, you are now ready to document the details of the IV insertion.

| Veriop Quick View                         | ∢ Last 2   |
|---|--|
| 🗙 Periop Systems Assessment               |  |
| Periop Safety Departure                   | Find Item - Critical High Low Abnormal U         |
| Veriop Lines-Devices                      | Result Comments Bag Date                         |
| Peripheral IV                             |  |
| IV Drips<br>Arterial Line<br>Central Line | 15-Dec-2017<br>14:38 PST<br>⊿ Peripheral IV<br>2 |
| Arteriovenous Fistula/Graft               | △ Peripheral Forearm Left 20 gauge               |
| Pain Modalities                           | Line Status Line Care                            |
|   | Site Assessment                                  |
|   | Site Care  |
|   | Dressing Activity                                |
|   | Dressing Condition                               |
|   | Patient Response                                 |



- 1. Click on the Periop Lines Devices band
- 2. Now that the band is expanded, click on the **Dynamic Group** icon **to** the right of the Peripheral IV heading in the flowsheet.

| hamic Case Tracking Diase Selection The Critical Proc    | P Dynamic Group - CSTSNWORKBOOK, POSTOP - 700008576                          | Record Request 🔹 Add 🗙 🛱 Scheduling Appointment Book 🗐 |
|--|--|--|
|  | Label:   |  |
| DOB:04-Dec-1990 MRN:7000085<br>Age:27 years Enc:70000001 | Peripheral Forearm Left <peripheral catheter="" iv="" size:=""></peripheral> | Location:LGH SDC<br>Enc Type:Pre-Day S                 |
| gies Gender:Female PHN:98764183                          | Peripheral IV Catheter Type: 3   | Attending:   |
| Interactive View and I&O                                 | Peripheral   | L), FUILS  |
|  | Midline  |  |
| 🗙 Periop Quick View                                      |  | lours  |
| Periop Systems Assessment                                | Peripheral IV Site:  | auth Elan And Or                                       |
| V Periop Lines-Devices                                   | Antecubital  | Performed By   |
| Peripheral IV  | Basilic vein   |  |
| Arterial Line  | Chest  |  |
| Central Line<br>Arteriovenous Fistula/Graft              | External jugular   |  |
| Pain Modalities  | Forearm  |  |
|  | Frontal vein<br>Great saphenous vein   |  |
|  | Hand   |  |
|  | Posterior auricular vein   |  |
|  | Small saphenous vein<br>Superficial temporal vein                            |  |
|  | Upper arm  |  |
|  | winst  |  |
|  | Peripheral IV Laterality:  |  |
|  | Left   |  |
| 🖋 Intake And Output                                      | Right<br>Medial  |  |
| Advanced Graphing  |  | 1  |
| Adult Education  | 4 OK Cancel  |  |
| 🗙 Pediatric Education                                    |  | _  |

3. The **Dynamic Group** window appears. A dynamic group allows you to label a line, wound, or drain with unique identifying details. You can add as many dynamic groups as you need for your patient. For example, if a patient has two peripheral IVs, you can add a dynamic group for each IV.

Select the following data to create a label:

- Peripheral IV Catheter Type: Peripheral
- Peripheral IV Site: Forearm
- Peripheral IV Laterality: Left
- Peripheral IV Catheter Size: 20 gauge
- 4. Click **OK**. The label created will display at the top, under the Peripheral IV section heading.



| **• 🖃 📽 🖌 🧴 🖌 👘 🖬 🗰 🕷   |                      |                     |  |
|---|----------------------|---------------------|--|
| 🗙 Periop Quick View   |                      |                     | Last 24 Hours  |
| 🗙 Periop Systems Assessment   |                      |                     |  |
| 🗙 Periop Safety Departure   | Find Item   Critical | High 🔲 Low 🔲 Abnorm | 1al 📃 Unauth 📃 Flag  |
| Veriop Lines-Devices  | Result               | Comments Flag Date  | Perfor   |
| Perpheral IV<br>IV Drips<br>Arterial Line<br>Central Line<br>Arteriovenous Fistula/Graft<br>Pain Modalities |                      | 15-<br>5<br>Acti    | Dec-2017<br>14:42 PST<br>vity X<br>nsert<br>Assessment<br>Slood drawn<br>Discontinued<br>Present on admission<br>Dther |

5. Double-click the **blue box** next to the name of the section to document in several cells. You can move through the cells by pressing **Enter** on the keyboard.

Now document the activities related to this PIV using the following data:

- Activity = Insert
- **Patient Identified** = Identification band
- Total Number of Attempts = 1
- Line Insertion = *Tourniquet*
- Line Status = Flushes easily
- Line Care = Secured with tape
- **Dressing Activity** = Applied
- **Dressing Condition** = Intact
- 6. Click **Green checkmark** icon ✓ to sign your documentation. Once signed the label will be accessible for other clinicians to complete further documentation within the same dynamic group.

**Note**: A trigger icon  $\bigotimes$  can be seen in some cells, such as Activity, indicating that there is additional documentation to be completed if certain responses are selected. The diamond icon  $\bigotimes$  indicates the additional documentation cells that appear as a result of these responses being selected. These cells are not mandatory.

6



You realize upon reviewing your earlier charting that you wrote the incorrect Number of Attempts value. Let's modify the Number of Attempts from 1 to 2.

|   |  | Add Result   |
|---|--|--|
|   | ast 24 Hours                                       | View Result Details<br>View Comments<br>View Flag Comments<br>View Reference Material<br>View Order Info |
|   | Insert<br>Identificati<br>Tourniquet<br>Flushes ea | Modify 2<br>Unchart<br>Change Date/Time<br>Add Comment<br>Duplicate Results<br>Clear                     |
| Site Assessment<br>Site Care<br>Dressing Activity<br>Dressing Condition<br>Patient Response | Applied<br>Intact                                  | View Defaulted Info<br>View Calculation<br>Recalculate<br>View Interpretation                            |

1. Right-click on the documented value of 1 for Number of Attempts

#### 2. Select Modify...

| 🐜 🖃 📾 🖓 🖌 📕 🖿 🎥 🕷 🏍         |                                   |                       |
|-----------------------------|-----------------------------------|-----------------------|
| 🗙 Periop Quick View         |                                   | Last 24 Hours         |
| 🗙 Periop Systems Assessment |                                   |                       |
| 🗙 Periop Safety Departure   | Find Item   Critical High Low Abn | ormal 📃 Unauth 📃 F    |
| Veriop Lines-Devices        | Result Comments Flag Da           | te Pe                 |
| Peripheral IV               |                                   |                       |
| IV Drips                    | ի ին ան                           | 15-Dec-2017           |
| Arterial Line               | 🔁 🖬 🗗                             | 0 14:48 PST 14:42 PST |
| Central Line                | ⊿ Peripheral IV                   |                       |
| Arteriovenous Fistula/Graft | ⊿ Peripheral Forearm Left         |                       |
| Pain Modalities             | Activity                          | Insert                |
|                             | Patient Identified                | Identificati          |
|                             | ♦ Total Number of Attempts        | 3 2                   |
|                             | ♦ Unsuccessful Attempt Site       |                       |
|                             | ♦ Line Insertion                  | Tourniquet            |
|                             | Line Status                       | Flushes easily        |
|                             | Line Care                         | Secured wit           |
|                             | Site Assessment                   |                       |
|                             | Site Care                         |                       |
|                             | Dressing Activity                 | Applied               |
|                             | Dressing Condition                | Intact                |
|                             | Patient Response                  |                       |

- 3. Enter in new Number of Attempts = 2
- 4. Click **Green checkmark** icon ✓ to sign your documentation.
  - Total Number of Attempts

5 2 🔺

- 5. **"2"** now appears in the cell and an icon <u>will automatically appear on bottom right corner to denote a modification has been made.</u>
- **Note:** These steps can be followed to unchart documentation.



### Key Learning Points

- Nurses will complete most of their documentation in iView.
- iView contains flowsheet type charting.
- The newest documentation displays in the left most column.
- Once documentation within a dynamic group is signed the label will be accessible for other clinicians to complete further documentation within the same dynamic group.
- Examples of Dynamic Groups include wound assessments, IV sites, chest tubes, etc.
- Always sign your documentation once completed.
- Results can be modified and uncharted within iView.
- If required, you can create a new time column and document under a specific time.
- Only document relevant data; not all cells are mandatory.



# Activity 1.8 – Orders and PowerPlans

1

Throughout your shift, you will review your patient's orders. The **Orders Profile** is where you will access a full list of the patient's orders.

To navigate to the Orders Profile and review the orders:

- 1. Select Orders from the Menu
- 2. On the left side of the Orders Profile is the navigator (**View**) which includes several categories including:
  - Plans
  - Categories of Orders
  - Medication History
  - Reconciliation History
- 3. On the right side is the Orders Profile where you can:
  - Review the list of All Active Orders

Moving the mouse over order icons allows you to **hover to discover** additional information.

Some examples of icons and their meanings are:

- 66 Order requires nurse review
- Additional reference text available
- Order is part of a PowerPlan (Order Set)
- Order requires Pharmacy verification
- 4. Notice the display filter default setting is set to display **All Active Orders**. This can be modified to display other order statuses by clicking on the blue hyperlink.

|                             |              | Corders                                       |                              |  |         |  |                       | (C) Full screen 🗇 Print 📀 0 m            | ninutes ar |
|-----------------------------|--------------|---|------------------------------|--|---------|--|-----------------------|--|------------|
| Provider View               |              | Add 2 Document Medication by Hr 8 Record      | lation •                     | tions                                      |         |  | -                     | leconciliation Status                    |            |
| Results Review              |              |   | interest ( ) or encounterest |  |         |  |                       | Meds History <b>O</b> Admission <b>O</b> | Discharge  |
| Orders                      | + Add        | Orders Medication List Document In Plan       |                              |  |         |  |                       |  |            |
| Medication List             | + Add 1      |   | Displayed All Active Deduc   | A All Institute Defens I All Arthus Defend | 4       |  |                       |  |            |
|                             |              | View<br>Orden for Simplem                     | Compares Persons Count       | The many of the state of the state         | 104     |  |                       | - Contract Press                         | COLORIDA.  |
|                             |              | Diage   | 8 9 P                        | Order Name                                 | Status  | Dose Details *   | Stop                  | Ordering Physician                       | La *       |
|                             | 10 M 10 M 10 | Document in Plan                              | ⊿ Admit/Transfer/Dis         | charge                                     |         |  |                       |  |            |
| Altergies                   | T Add        | Medical                                       | 🔁 🗹 éé                       | Admit to Inpatient                         | Ordered | 04-Dec-2017 10:15 PST, Admit to General Internal Medicine, Admitting provider: TestORD,  | 04-Dec-2017 10:15 PST | TestORD, GeneralMedicine-Physici         | i Te       |
| <b>Diagnoses and Proble</b> |              | MED General Medicine Admission (Validated) (P | 4 Status                     |  |         |  |                       |  |            |
| Histories                   |              | GI General Admission (prototype) (Initiated)  |                              | Code Status                                | Ordered | 24-Oct-2017 13:24 PDT, 5-No CPR, Critical Care, May Intubate, Perioperative status: Attemp   |                       | eLearn, Physician-General Medicin.       | L eL       |
|                             |              | Suggested Plans (0)                           | d Patient Care               |  |         |  |                       |  |            |
| MAX Summary                 |              | Orders  |                              | Insert Peripheral IV Catheter              | Ordered | 24-Oct-2017 13:24 PDT, Unless already in place   | 24-Oct-2017 13:24 PDT | eLearn, Physician-General Medicin        | - eL       |
|                             |              | Admit/Tempfor/Discharge                       |                              | Weight                                     | Ordered | 24-Oct-2017 13:24 PDT, Stop: 24-Oct-2017 13:24 PDT, On admission   | 24-Oct-2017 13:24 PDT | eLearn, Physician-General Medicin.       | - el       |
|                             |              | E Stater                                      | • <b>G</b> M M               | Vital Signs                                | Ordered | 24-Oct-2017 13:24 PDT, g8h   |                       | eLearn, Physician-General Medicin.       | - eL       |
| Form Browser                |              | C Patient Care                                | <b>⊕</b> ⊻                   | Admission History Adult                    | Ordered | 24-Oct-2017 13:17 PDT, Stop: 24-Oct-2017 13:17 PDT<br>Order entered secondary to inpatient admission.                                | 24-Oct-2017 13:17 PDT | SYSTEM, SYSTEM Cerner                    | SY         |
| Patient Information         | en.          | Z Activity                                    | ⊕ ⊻                          | Braden Assessment                          | Ordered | 24-Oct-2017 13:17 PDT, Stop: 24-Oct-2017 13:17 PDT<br>Order entered secondary to institlent admission                                | 24-Oct-2017 13:17 PDT | SYSTEM, SYSTEM Cemer                     | SY         |
|                             |              | Continuous Infusions                          | <b>⊕</b> ⊠                   | Basic Admission Information Adult          | Ordered | 24-Oct-2017 13:17 PDT, Stop: 24-Oct-2017 13:17 PDT<br>Order entered secondary to institute admission                                 | 24-Oct-2017 13:17 PDT | SYSTEM, SYSTEM Cemer                     | SV E       |
|                             |              | Blood Products                                | ⊕ ⊠                          | Morse Fall Risk Assessment                 | Ordered | 24-Oct-2017 13:17 PDT, Stop: 24-Oct-2017 13:17 PDT<br>Order entered according to institut administra                                 | 24-Oct-2017 13:17 PDT | SYSTEM, SYSTEM Cemer                     | SY         |
| Immunizations               |              | Laboratory<br>Diagnostic Tests                | <b>6</b> M                   | ED Readmission Risk                        | Ordered | 24-Oct-2017 13:17 PDT, Stop: 24-Oct-2017 13:17 PDT<br>Order elaced due to native being admitted as an invatient in the last 30 days. | 24-Oct-2017 13:17 PDT | SYSTEM, SYSTEM Cerner                    | SY         |
| CareConnect                 |              | Procedures<br>Respiratory                     | ⊕ ⊠                          | Infectious Disease Screening               | Ordered | 24-Oct-2017 13:17 PDT<br>Order externed secondary to insufiered admission  | 24-Oct-2017 13:17 PDT | SYSTEM, SYSTEM Cerner                    | SY         |
|                             |              | Allied Health                                 | A 1                          | Smoking Cessation Assessments              | Ordered | 03-Nov-2017 13:41 PDT  | 03-Nev-2017 13:41 PDT | TestCST, CardiothoracicSurgeon-P         | Te         |
|                             |              | Consults/Referrals                            | ê 🗹                          | Insert Urinary Catheter (Insert Foley)     | Ordered | 03-Nov-2017 13:40 PDT, Indwelling  | 03-Nov-2017 13:40 PDT | TestCST, CardiothoracicSurgeon-P.        | Te         |
|                             |              | Communication Orders                          | a Activity                   |  |         |  |                       |  | Control 1  |
|                             |              | Supplies                                      | e 🗹 🕒                        | Activity as Tolerated                      | Ordered | 24-Oct-2017 13:24 PDT  |                       | eLearn, Physician-General Medicin.       | - el       |
|                             |              | Non Categorized                               | ⊿ Diet/Nutrition             |  |         |  |                       |  |            |
|                             |              | Medication History                            | <b>⊕</b> ⊻ €                 | General Diet                               | Ordered | 24-Oct-2017 13:24 PDT  |                       | eLearn, Physician-General Medicin.       | L eL       |
|                             |              | Medication History Snapshot                   | <u>e</u> 🗹                   | Advance Diet as Tolerated                  | Ordered | 03-Nov-2017 13:41 PDT, Advance diet to Regular, Provider must order starting diet. RN or R   |                       | TestCST, CardiothoracicSurgeon-P         | - Te       |
|                             |              | Reconciliation History                        | △ Medications                | acetaminophen (acetaminophen PRN           | Ordered | dose range: 325 to 650 mg, PO, q4h, PRN pain-mild or fever, drug form: tab, start: 24-Oct-2  |                       | eLearn, Physician-General                | 3          |



A PowerPlan in PowerChart is the equivalent of pre-printed orders in current state and is often referred to as an order set. At times it may be useful to review a PowerPlan to distinguish its orders from stand-alone orders. Doing this allows a user to group orders by PowerPlan.

Let's review a PowerPlan. From the Orders Profile:

| 🔨 🗧 🛉 Orders   |   | 🗇 Full screen 👘 Print 🛛 🎝 1 minutes ago  |
|--|---|--|
| + Add   @ Document Medication by Hx   Reconciliation •   & Check Interact  | ions  | Reconciliation Status<br>Meds History 4 Admission 5 Discharge  |
| View View View View View View View Corders for Stoature Ina Medical ANES Post Operative Daycare (prototype) (Planned) ANES Respiratory Depression (Module) (validated) (Planned) GHSURG General - Post Operative (Multiphase) (Validated) (Planned) GHSURG Same Day Discharge - Post Operative (Validated) (Planned) GHSURG Same Day Discharge - Post Operative (Validated) (Planned) Grdess Gatus | Add to Phase      Check Alerts Comments Start: Now      Duration: None      Mone      Duration: None      Duration:      Dose      Details     Continuous Influences     Stafts Add to Phase         | i mL/h, N/, drug form: bag<br>mL/h, N/, drug form: bag<br>imL/h, N/, drug form: bag<br>ion ordered<br>12.5 to 25 mcg, N/, q5min, PRN pain, drug<br>oc 130 mcg/h<br>1 to 2 mg, N/, q30min, PRN pain, drug for         |
| Patient Care Activity Continuous Infusions Gotications Blood Products Related Results  | HYDROmorphone (HYDROmorphone PRN range dose)     dose range:     Dopinids     Maximum d     dose range:     HYDROmorphone (HYDROmorphone PRN range dose)     dose range:     DO dos | I to 0.2 mg, IV, g3min, PRN pain, drug fo<br>see 2 mg/h. DILAUDID EQUIV<br>25 to 5 mg, PO, g3h, PRN pain, drug form<br>55 to 1 mg, PO, g3h, PRN pain, drug form<br>UIV<br>25 to 5 mg, PO, g3h, PRN pain, drug form * |
| Formulary Details<br>Variance Viewer   | Orders For Cosignature Orders For Nurse Review Save as My Favorite  | 3 Tritiate Orders For Signature  |

- 1. Locate the Plans category to the left side of the screen under View
- 2. Select the ANES Post Anesthesia Care Unit (PACU) PowerPlan.
  - Review the orders within the PowerPlan.
- 3. Click Initiate.
  - Ordering Physician window populates.

| < > 🔹 🏦 Orders   |  | 🗇 Full screen 🛛 🛱 Print 🛛 🍣 3 minutes ag  |
|--|--|---|
| 🛧 Add   🍣 Document Medication by Hx   Reconciliation 🗸   🗞 Check Intera  | P Ordering Physician                             | Reconciliation Status<br>Meds History <b>Q</b> Admission <b>Q</b> Discharge   |
| Orders Document In Plan  | *Physician name                                  |   |
| 4<br> 10   | Plisvci, Brooks, MD                              | pmments Start: Now Duration: None   |
| View   | *Order Date/Time                                 | Status Dose Details   |
| Plane  | 11-Jan-2018 🔶 🚽 1522 🌲 PST                       | As per policy   |
| Document In Plan   | *Communication type                              |   |
| Medical  | Phone  | chloride 0.9% (NS) con order rate: 75 mL/h, IV, drug form: bag  |
| ANES Post Operative Daycare (prototype) (Planned)  | Verbal   | ious infusion) 🔽 order rate: 75 mL/h, IV, drug form: bag  |
| ANES Post Anesthesia Care Unit (PACU) (prototype) (Planned)  | No Cosignature Required A                        | .45% (dextrose 5%-sod order rate: 75 mL/h, IV, drug form: bag   |
| ANES Respiratory Depression (Module) (validated) (Planned)   | Cosignature Required                             |   |
| GENSURG General - Post Operative (Multiphase) (Validated)  | Paper/Fax  | monic pain should be re-ordered and 7 of equivalent opioid conversion ordered   |
| GENSURG Same Day Discharge - Post Operative (Validated) (Planned)  | Electronic                                       |   |
| - Suggested Plans (0)  |  | ose) dose range: 12.5 to 25 mcg, IV, q5min, PRN pain, drug  |
| Orders   | 5 OK Cancel                                      | Maximum dose: 150 mcg/h   |
| Add @ Document Medication by Hx   Reconciliation • @ Check Inters  Provide Status  Provide Sta |  | e dose) dose range: 1 to 2 mg, IV, q10min, PRN pain, drug for   |
| - Status   |  | Maximum dose: 10 mg/h   |
| Patient Care   | HYDROmorphone (HYDROm                            | Iorphone PRN range dose) dose range: 0.1 to 0.2 mg, IV, q5min, PRN pain, drug fo<br>Maximum dose: 2 mg/b, DII ALIDID FOLITV |
| Activity   | A PO Onioids                                     |   |
| Diet/Nutrition   | morphine (morphine PRN ran                       | nge dose) dose range: 2.5 to 5 mg. PO. g3h. PRN pain, drug form   |
| Continuous Infusions   | HYDROmorphone (HYDROm                            | orphone PRN range dose) dose range: 0.5 to 1 mg, PO, q3h, PRN pain, drug form   |
| Plead Deckets  |  | DILAUDID EQUIV  |
| Biolog Products  | OXVCODONE (OXVCODONE PP                          | RN range dose) 🔹 dose range: 2.5 to 5 mg. PO. g3h. PRN pain. drug form  |
| Related Results  | The Details                                      |   |
| Formulary Details  |  |   |
| Variance Viewer  | Orders For Cosignature Orders For Nurse Review S | Save as My Favorite Orders For Signature  |
|  |  |   |

- 4. Select **No Cosignature Required**
- 5. Click OK.



| Offset  Offset Off | Component<br>Care Unit (PACU) (prototype) (Initiated Pending) | Status              | Dose           | Details   | ^  |
|---|---|---------------------|----------------|---|----|
| ANES Post Anesthesia<br>Last updated on: 10-Ja  | Care Unit (PACU) (prototype) (Initiated Pending)              |                     |                |   | _  |
| Last updated on: 10-Ja  |   |                     |                |   |    |
| Allowed a local sets a short of a set   | an-2018 14:59 PST by: Plisvci, Brooks, MD                     |                     |                |   |    |
| Alerts last checked on  | 10-Jan-2018 14:59 PST by: Plisvci, Brooks, MD                 |                     |                |   |    |
| ⊿ Admit/Transfer/Dis  | scharge   |                     |                |   |    |
| 3   | Restricted to Department of Anesthesiology                    |                     |                |   | =  |
| <u> </u>  | PACU nurse to discontinue ANES Pre Operative (Day of          | Surgery) and initia | ate the Post / | Anesthesia Care Unit (PACU) plan  |    |
| ⊿ Patient Care  |   |                     |                |   |    |
| T 🛛   | Notify Treating Provider                                      |                     |                | Notify anesthesiologist prior to patient transfer out of PACU / PAR   |    |
| <b>–</b> 💆  | Communication Order   |                     |                | Do NOT give any opioids, CNS depressants, and other analgesics unless approved by Acute Pain Services (APS) /                                 |    |
| 二 🛛 🗖   | POC Glucose Whole Blood                                       |                     |                | once  |    |
|   |   |                     |                | Notify anesthesiologist if blood glucose is less than 4 or greater than 10 mmol/L   |    |
| 8 💆   | Vital Signs   | Order               |                | 10-Jan-2018 15:05 PST, As per policy  |    |
| A: 🖸  | Sedation Assessment   | Order               |                | 10-Jan-2018 15:05 PST, As per policy  |    |
| 4 Continuous Infusio  | ons   |                     |                |   |    |
| 8 🛛   | sodium chloride 0.9% (NS) continuous infusion 1000            | Order               | •              | order rate: 75 mL/h, IV, drug form: bag, start: 10-Jan-2018 15:05 PST, bag volume (mL): 1,000   |    |
|   | plasmalyte (plasmalyte continuous infusion)                   |                     | •              | order rate: 75 mL/h, IV, drug form: bag   |    |
| - 12  | dextrose 5%-sodium chloride 0.45% (dextrose 5%-sod            |                     | •              | order rate: 75 mL/h, IV, drug form: bag   |    |
| ⊿ Medications   |   |                     |                |   |    |
| <u>(</u>  | Pre-operative medications for chronic pain should be re       | -ordered and / or   | equivalent o   | opioid conversion ordered   |    |
| Analgesics: Opioid  | 5   |                     |                |   |    |
| _ 2   | V Opioids   |                     |                |   |    |
|   | fentanyl (fentanyl PRN range dose)                            |                     | •              | , dose range: 12.5 to 25 mcg, IV, q5min, PRN pain, drug form: inj<br>Maximum dose: 150 mcg/h  |    |
| ¥ 🗹   | morphine (morphine PRN range dose)                            | Order               | •              | , dose range: 1 to 2 mg, IV, q10min, PRN pain, drug form: inj, start: 10-Jan-2018 15:05 PST, stop: 17-Jan-2018 15:04<br>Maximum dose: 10 mg/h |    |
|   | HYDROmorphone (HYDROmorphone PRN range dose)                  |                     | -              | dose range: 0.1 to 0.2 mg, IV, q5min, PRN pain, drug form: inj<br>Maximum dose: 2 mg/h. DILAUDID EOUIV  |    |
| 4   | PO Opioids  |                     |                |   |    |
| п 🕅   | morphine (morphine PRN range dose)                            |                     | •              | dose range: 2.5 to 5 mg. PO. g3h. PRN pain. drug form: tab  |    |
|   | HYDROmorphone (HYDROmorphone PRN range dose)                  |                     |                | dose range: 0.5 to 1 mg, PO, g3h, PRN pain, drug form: tab  |    |
|   |   |                     | •              | DILAUDID EQUIV  |    |
| E 🖸   | oxyCODONE (oxyCODONE PRN range dose)                          |                     | -              | dose range: 2.5 to 5 mg, PO, q3h, PRN pain, drug form: tab  | -  |
| 🛣 Details   |   |                     |                | 6   |    |
|   | Orders For Nume Persion                                       |                     |                |   | ue |

#### 6. Click Orders For Signature box

| 🔊 🕐 🖳 🕅 Order Nam               | e Status                | Start                    | Details   |
|---------------------------------|-------------------------|--------------------------|---|
| △ LGH SDCC; PACU 2; 12 End      | :700000016695 Ad        | Imit: 14-Dec-2017 12:13  | 3 PST   |
| ⊿ Patient Care                  |                         |                          |   |
| 👘 🗈 Vital Signs                 | Order                   | 10-Jan-2018 15:05        | 10-Jan-2018 15:05 PST, As per policy  |
| 👘 🗈 Sedation As                 | sessment Order          | 10-Jan-2018 15:05        | 10-Jan-2018 15:05 PST, As per policy  |
| ⊿ Continuous Infusions          |                         |                          |   |
| 👘 🗈 sodium chl                  | oride 0.9% Order        | 10-Jan-2018 15:05        | order rate: 75 mL/h, IV, drug form: bag, start: 10-Jan-2018 15:05 PST, bag volume (mL): 1,000   |
| ⊿ Medications                   |                         |                          |   |
| 👘 🗈 morphine (<br>PRN range     | morphine Order<br>dose) | 10-Jan-2018 15:05<br>PST | dose range: 1 to 2 mg, IV, q10min, PRN pain, drug form: inj. start: 10-Jan-2018 15:05 PST, stop: 17-Jan-2018 15:04 PST<br>Maximum dose: 10 mg/h |
| ⊿ Respiratory                   |                         |                          |   |
| 👘 🗈 Oxygen The                  | erapy Order             | 10-Jan-2018 15:05<br>PST | 10-Jan-2018 15:05 PST, Routine, Titrate O2 to keep SpO2 93% or greater<br>May remove oxygen therapy if target SpO2 maintained on room air       |
|                                 |                         |                          |   |
| L'OCCURS                        |                         |                          | 7   |
| 0 Missing Required Details 0 ro | ders For Cosignature    | Orders For Nurse Review  | Sign  |

#### 7. Click Sign button

| 8     | Dosing Wt: |   |           | Isolation: |               |                |         | Attending:Plisvca | , Rocco, MD                         |                |                   |
|-------|------------|---|-----------|------------|---------------|----------------|---------|-------------------|-------------------------------------|----------------|-------------------|
|       |            |   |           |            |               |                |         |                   | [□] Full screen                     | 8              | € 0 minutes ago   |
| tions |            |   |           |            |               |                |         |                   | Reconciliation Stat<br>Meds History | us<br>D Admiss | sion () Discharge |
| 8     | • Offset   | 7 | Component |            | Status        | Dose           | Details |                   |                                     |                |                   |
|       |            |   |           |            | Processing. P | lease refresh. |         |                   |                                     |                |                   |
|       |            |   |           |            |               |                |         |                   |                                     |                |                   |
|       |            |   |           |            |               |                |         |                   |                                     |                |                   |
|       |            |   |           |            |               |                |         |                   |                                     |                |                   |
|       |            |   |           |            |               |                |         |                   |                                     |                |                   |
|       |            |   |           |            |               |                |         |                   |                                     |                |                   |
|       |            |   |           |            |               |                |         |                   |                                     |                |                   |

8. Processing. Click Refresh.



|  |          |  |                    |                |   | -  |
|--|----------|--|--------------------|----------------|---|----|
| s and a second s | 7        | Component  | Status             | Dose           | Details   | 11 |
| ANES Post  | Anesth   | esia Care Unit (PACU) (prototype) (Initiated)                              | 9                  |                |   |    |
| Last update  | ed on: 1 | 0-Jan-2018 15:20 PST by: TestSX, Nurse-Perioper                            | ative              |                |   |    |
| Alerts last  | checked  | d on 10-Jan-2018 14:59 PST by: Plisvci, Brooks, MD                         |                    |                |   |    |
| ⊿ Admit/   | Transfe  | r/Discharge  |                    |                |   |    |
|  | - 3      | Restricted to Department of Anesthesiology                                 |                    |                |   |    |
|  |          | PACU nurse to discontinue ANES Pre Operative (Day                          | of Surgery) and in | nitiate the Po | st Anesthesia Care Unit (PACU) plan   |    |
| ⊿ Patient  | Care     |  |                    |                |   |    |
|  | 2        | Vital Signs  | Ordered            |                | 10-Jan-2018 15:05 PST, Stop: 10-Jan-2018 15:05 PST, As per policy   |    |
|  | 2        | Sedation Assessment  | Ordered            |                | 10-Jan-2018 15:05 PST, As per policy  |    |
| ⊿ Continu  | uous Inf | usions   |                    |                |   |    |
|  | 2        | sodium chloride 0.9% (NS) continuous infusion 1,00                         | 0 Ordered          |                | order rate: 75 mL/h, IV, drug form: bag, start: 10-Jan-2018 15:05 PST, bag volume (mL): 1,000                             |    |
| ⊿ Medica   | tions    |  |                    |                |   |    |
|  | ී        | Pre-operative medications for chronic pain should b                        | e re-ordered and   | / or equivaler | nt opioid conversion ordered  |    |
| Analge   | sics: Op | ioids  |                    |                |   |    |
|  |          | V Opioids  |                    |                |   |    |
|  | 10 🛛     | morphine (morphine PRN range dose)   | Ordered            |                | dose range: 1 to 2 mg, IV, q10min, PRN pain, drug form: inj, start: 10-Jan-2018 15:05 PST<br>Maximum dose: 10 mg/h        |    |
|  | - 3      | PO Opioids   |                    |                |   |    |
| Nonste   | roidal A | nti-inflammatory (NSAID)   |                    |                |   |    |
|  | ්        | NSAIDs contraindicated in renal dysfunction. Verify i                      | f NSAIDs ordered   | by surgical se | ervice  |    |
| Contin   | uous IV  | Medications  |                    |                |   |    |
|  | 3        | The following lidocaine and ketamine infusions are<br>(Module) are ordered | continued from O   | perating Roo   | m and will be discontinued when patient leaves PACU unless the ANES Lidocaine Infusion (Module) or ANES Ketamine Infusion |    |
| Module   | es       |  |                    |                |   |    |
|  | ්        | If ordered the following modules will only be active                       | n the PACU and v   | vill be discon | tinued when patient leaves PACU   |    |
| ⊿ Respira  | tory     |  |                    |                |   |    |
|  | 2        | Oxygen Therapy   | Ordered            |                | 10-Jan-2018 15:05 PST, Routine, Titrate O2 to keep SpO2 93% or greater  |    |

- 9. Review that the orders are now initiated.
- 3

Similar to current practice, nurses can place verbal and telephone orders. In this activity we are going to practice placing a verbal order. **Verbal Orders** are only encouraged when there is no reasonable alternative for the provider to place the order in PowerChart themselves. For example, in emergency situations.

**Note:** Verbal and phone orders that nurses enter in the PowerChart will be automatically routed to the ordering provider for co-signature.

| - Add      | cument Medication by Hx   Reconciliation -   🔊 Check Interaction |
|------------|--|
| Order: Add | ument In Plan  |

Place a verbal order:

- 1. Click + Add from the Orders Profile
  - The Add Order window opens



| TPRODBCSN, TA        | RA DOB:0<br>Age:3 | 7-NovMRN:70000<br>7 years Enc:700000 | 7 Code Status:<br>0   | Proc<br>Dise | cess:<br>ease: | Location:LGH SDCC; PA     |
|----------------------|-------------------|--------------------------------------|-----------------------|--------------|----------------|---------------------------|
| ergies: No Known A   | lierGende         | er:FemaPHN:987648                    | s Dosing wt:          | ISOIA        | ation:         | Attending:Plisvca, Rocco, |
| 2 <sup>cbd</sup>     | ٩                 | Advanced Options                     | 👻 Type: 👘 Inp         | atient       | -              |                           |
| CBC and Differen     | ntial             | 3                                    |                       | -            |                |                           |
| CBC and Reticul      | ferential         |                                      |                       |              |                |                           |
| Car CBC Without Di   | rerendur          |                                      |                       |              |                |                           |
| Der carbachol intrao | cular 0.01% i     | nj                                   |                       |              |                |                           |
| End carbachol intrao | cular 0.01% i     | nj (0.5 mL, intravitreal,            | once)                 |              |                |                           |
| Gas 🗸 carbetocin     |                   |                                      |                       |              |                |                           |
| Ger Carbetocin (1    | 00 mcg, IM,       | once, drug form: inj)                |                       |              |                |                           |
| Junfe Carbetocin (1  | 00 mcg, IV, o     | nce, drug form: inj)                 |                       |              |                |                           |
| Mel Carcinoembryor   | iic Antigen       |                                      |                       |              |                |                           |
| Ner Chlorambuci      | - oncology        | 91 (2010) NO                         |                       |              |                |                           |
| Neu Corynebacter     | ium diphthe       | riae Toxin Ab                        |                       |              |                |                           |
| Net darunavir-cobici | stat 800 mg-      | 150 mg tab                           | 12.1.7.1              | 13           |                |                           |
| Obs darunavir-cobici | stat 800 mg-      | 150 mg tab (1 tab, PO,               | qdaily, drug form: ta | 3D)          |                |                           |
| Enter to Search      |                   |                                      |                       | 10           |                |                           |
|                      |                   |                                      |                       |              |                |                           |

- 2. Type = cbc in the search field.
- 3. Select CBC and Differential from the list of search results.

| D CSTPRODBCSN, TARA - Add Order  |   | 14                                 |  |
|--|---|------------------------------------|--|
| CSTPRODBCSN, TARA DOB:07-NovMR<br>Age:37 years Enc<br>Allergies: No Known AllerGender:FemaPHD  | N:700007 Code Status:<br>:7000000<br>J:987648 Dosing Wt:  | Process:<br>Disease:<br>Isolation: | Location:LGH SDCC; PAC<br>Enc Type:Day Surgery<br>Attending:Plisvca, Rocco, MD |
| Search:<br>Cardiology Orders<br>Cardiology Orders<br>Critical Care Orders<br>Endocrinology Orders<br>Gastroenterology Orders<br>Gastroenterology Orders<br>Geriatric Orders<br>Mental Health Orders<br>Mental Health Orders<br>Neurology Orders<br>Neurology Orders<br>Neurology Orders<br>Neurology Orders<br>Neurology Orders<br>Neurology Orders<br>Neurology Orders<br>Neurosurgery Orders<br>Obstetric Orders | Ordering Physician   *Physician name   *Physician name   Plisvca, Rocco, MD   *Order Date/Time   14-Dec-2017   *Communication type   Phone   Verbal   4   No Cosignature Required   Cosignature Required   Paper/Fax   Electronic | 256 • PST                          | •  |
|  |   | CSTPRODBC                          | SN, TARA - 700007 6 Done   |

The Ordering Physician window opens.

- 4. Fill out mandatory fields highlighted yellow with the following details:
  - **Physician name** = type name of Attending Physician (last name, first name)
  - Communication type = Verbal



5. Click OK

4

6. Click Done to close the Add Order window (refer to first screenshot within this activity).

| 🔊 🕐 🕅 Order Name                           | Status Start            | Details   |              |        |
|--|-------------------------|---|--------------|--------|
| ⊿ LGH SDCC Enc:700000016120                |                         |   |              |        |
| ⊿ Laboratory                               |                         |   |              |        |
| Differential (CBC and                      | Order 15-Dec-2017 15:01 | Blood, Routine, Collection: 15-Dec-2017 15:01 PST, once |              |        |
|  |                         |   |              |        |
|  |                         |   |              |        |
| Details for Differential (CBC)             | 🕻 and Differential)     |   |              | 7      |
| 🚰 Details 🚛 Order Comments                 |                         |   |              |        |
| + ≅ h. ♥≥                                  |                         |   |              |        |
| *Specimen Type: Blood                      | ~                       | *Collection Priority:                                   | Routine 🗸    |        |
| Unit collect: 🚫 Ye                         | es 💽 No                 | Collected:  | 🔿 Yes 🔘 No   |        |
| *Collection Date/Time: Blood               |                         | PST *Frequency:   | once 🗸       |        |
| Duration:                                  |                         | Duration unit:  | •            |        |
| CC Provider 1 (Outpatient Only):           |                         | CC Provider 2 (Outpatient Only):                        |              |        |
| CC Provider 3 (Outpatient Only):           |                         | Order for future visit:                                 | 🔿 Yes 🋐 💿 No |        |
|  |                         |   |              |        |
|  |                         |   |              |        |
| O Missing Required Details Orders For Cosi | gnature                 |   |              | 8 Sign |

Note: If this were a telephone order, the communication type of Phone would be selected.

- 7. Review the order in the Order Details window.
- 8. Click Sign and click Refresh 🜊

The orders profile now displays the continuous infusion with a status of **Ordered**.

| 🗹 🌋 | Differential (CBC an Ordered | Blood, Routine, Collection: 14-Dec-2017 14:00 PST, |
|-----|------------------------------|--|
|-----|------------------------------|--|

To see examples of different order statuses, review the image below:

|   |    |            |              |      | 1                            |         |            |      |                            |  | _ |
|---|----|------------|--------------|------|------------------------------|---------|------------|------|----------------------------|--|---|
|   | S  | ≌?         | 7            | 7    | Order Name                   | *       | Status     | Dose | Details                    | Proposal   | ^ |
|   |    | <b>fb</b>  |              |      | Insert Periphe               | eral IV | Processing |      | 20-Nov-20                  | 17 11:46 PST   |   |
|   |    | <b>e</b>   |              |      | Insert Urinary               | Cath    | Ordered    |      | 20-Nov-20                  | 17 11:31 PST, Indwelling   |   |
|   |    | <b>(</b> ) | $\checkmark$ |      | Morse Fall Ris<br>Assessment | sk      | Ordered    |      | 17-Nov-20<br>Order enter   | 17 14:05 PST, Stop: 17-Nov-2017 14:05 PST<br>red secondary to inpatient admission.                   |   |
|   |    | <b>@</b>   |              |      | Vital Signs                  |         |            |      | 20-Nov-20                  | 17 11:25 PST, q4h while awake  | 4 |
| ⊿ | Me | dicat      | ions         |      |                              |         |            |      |                            |  | İ |
|   |    | <b>e</b>   | 1            | 39 💺 | furosemide                   |         | Ordered    |      | 20 mg, IV, a<br>Administer | as directed, order duration: 5 day, drug form: inj, start: 17-Nov-<br>pre red blood cell transfusion | Ŧ |
| ٠ | _  |            | 111          |      |                              |         |            |      |                            | •  |   |

- **Processing** order has been placed but the page needs to be refreshed to view updated status
- **Ordered** active order that can be acted upon

To see examples of order details, review the image below:



| 🔊 🕅 Order Name                 | Status 💌 | Dose | Details   |           |
|--------------------------------|----------|------|---|-----------|
| ⊿ Patient Care                 |          |      |   |           |
| Vital Signs                    | Ordered  |      | 28-Nov-2017 10:42 PST, q4h  |           |
| △ Blood Products               |          |      |   |           |
| 🗹 🖻 Red Blood Cell Transfusion | Ordered  |      | Routine, Administer: 1 unit, IV, once, Administer each over: 120 - 180 Minutes, Irradiated, Pl<br>Informed consent must be present on patient record  | ease call |
|                                |          |      | Red Blood Cell Transfusion<br>Details:<br>Routine, Administer: 1 unit, IV, once, Administer each over: 120 - 180 Minutes, Irradiated,<br>Please callwhen ready for pick up, 28-Nov-2017 11:04 PST<br>Order Comment:<br>Informed consent must be present on patient record |           |
|                                |          |      |   |           |

- Focus on the Details column of the Orders Profile
- Hover your cursor over certain order details to see complete order information
- Note the start date and that orders are organized by clinical category

**Note**: As there are multiple PowerPlans which are initiated at the same time within PACU with little time between initiating and administration of medications, this results in the lack of duplicate checking from Pharmacy. As a result, **manual checking by nurses for duplication of medication (drug and dosage) is required by the PACU nurse.** A call to the Surgeon or Anesthesiologist may also be required to cancel any duplicate orders. Please be careful as this is a medication administration safety point.

#### Key Learning Points

- The Order Page consists of the orders view and the order profile.
- The Orders View (Navigator) displays all order for the patient, including PowerPlans and clinical categories of orders.
- The Order Profile page displays all the orders for a patient.
- Nurses should always verify the status of orders.
- Hover over order details to view additional order information.
- Verbal orders are only encouraged to be entered when a physician cannot enter the order directly into PowerChart themselves, for example in an emergency or when the physician is sterile in mid procedure.
- Required fields are always highlighted Yellow.
- Verbal and phone orders that are entered in PowerChart automatically get routed to the ordering provider for co-signature.
- Nurses can initiate PowerPlans as No Cosignature Required Orders.



### Activity 1.9 – Administering Medication using the Medication Administration Wizard (MAW) and the Barcode Scanner

- Medications will be administered and recorded electronically by scanning the patient's wristband and the medication barcode. Scanning of the patient's wristband helps to ensure the correct patient is identified. Scanning the medication helps to ensure the correct medication is being administered. Once a medication is scanned, applicable allergy and drug interaction alerts may be triggered, further enhancing your patient's safety. This process is known as **closed loop medication administration**.
- 2 Tips for using the barcode scanner:
  - Point the barcode scanner toward the barcode on the patient's wristband and/or the medication (Automated Unit Dose- AUD) package and pull the trigger button located on the barcode scanner handle
  - To determine if the scan is successful, there will be a vibration in the handle of the barcode scanner and/or, simultaneously, a beep sound
  - When the barcode scanner is not in use, wipe down the device and place it back in the charging station
- 3 It is time to administer IV Morphine to your patient.



Let's begin the medication administration following the steps below.

1. Select MAR from the Menu and review medication information. Click Medication

Administration Wizard (MAW)





2. The Medication Administration window will open. Scan the patient's wristband.

| P M       | edication Ad                 | dministration | ·····                                      |                                       |                                  |   | - • •   |
|-----------|------------------------------|---------------|--|---------------------------------------|----------------------------------|---|---|
|           |                              |               |  |                                       |                                  | Nurse Review  | Last Refresh at 15:10 PST   |
| CS<br>Fem | TSNW(                        | ORKBOOK       | POSTOP                                     | MRN: 700008576<br>FIN#: 7000000016120 | DOB: 04-Dec-199<br>Age: 27 years | )   | Loc: ;<br>** No Known Medication Allergies **                       |
| 3         |                              |               |  | 15-Dec-2017 13:                       | 55 PST - 15-Dec-201              | / 16:25 PST   |   |
|           |                              | Scheduled     | Mnemonic                                   |                                       | Details                          |   | Res   |
|           | ७ 🎸                          | PRN           | morphine<br>morphine (morphine             | PRN range dose)                       | dose ran<br>Maximum              | ge: 1 to 2 mg, IV, q10min, PRN pain,<br>dose: 10 mg/h                     | drug form: inj, start: 15-Dec-2                                     |
|           | `∋6ơ' <mark>≛</mark>         | PRN           | naloxone                                   |                                       | 0.1 mg, I<br>PRN Reas            | , q2min, PRN other (see comment),<br>on: Respiratory depression. Give q2  | drug form: inj, start: 15-Dec-2<br>2min until sedation scale is les |
|           | <u>ভি</u> 60' <mark>ট</mark> | PRN           | naloxone                                   |                                       | 0.1 mg, s<br>PRN Reas            | ıbcutaneous, q2min, PRN other (see<br>on: Respiratory depression. Give q2 | e comment), drug form: inj, sta<br>2min until sedation scale is les |
|           | 66° 😒                        | Continuous    | Sodium Chloride 0.9<br>sodium chloride 0.9 | %<br>% (NS) continuous infusion       | order rat<br>1,000 mL            | e: 75 mL/h, IV, drug form: bag, start                                     | : 15-Dec-2017 15:10 PST, bag  |
|           |                              |               |  |                                       |                                  |   |   |
|           |                              |               |  |                                       |                                  |   |   |
|           |                              |               |  |                                       |                                  |   |   |
|           |                              |               |  |                                       |                                  |   |   |
|           |                              |               |  |                                       |                                  |   |   |
|           |                              |               |  |                                       |                                  |   |   |
|           |                              |               |  |                                       |                                  |   |   |
| •         |                              |               |  |                                       |                                  |   | 4   |
| Read      | y to Scan                    |               |  |                                       | 2 of 2                           |   | Back Sign   |

3. The **Medication Administration** window will display the medications that you can administer. Scan the medication barcode for **morphine 2 mg IV**.

**Note:** The Medication Administration window populates with medications that are scheduled for 1 hour ahead and any overdue medications from up to 7 days in the past.





4. You are using the morphine 2 mg IV product barcode. Note that this medication is a range dose order. A **Range Dose Warning** screen will display to remind you of this dose range. Click **OK** to acknowledge the alert.

| Image: Service Service     morphine     dose range: 1 to 2 mg, IV, q10min, PR morphine 10 mg, IV, pain, morphine (morphine Maximum dose: 10 mg/h       Image: PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm PRN Reason: Respiratory depression. Giv PRN reason: Respiratory depression. Giv       Image: PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       Image: PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       Image: PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       Image: PRN     Note: PRN other (see comm       Image: PRN     Warning       Image: PRN     Warning       Image: PRN     The correct office.       Image: PRN     The correct ordered dosseg is morphine 2 mg.   | Image: Spran       morphine dose range: 1 to 2 mg, IV, q10min, PR morphine 10 mg, IV, pain, morphine (morphine Maximum dose: 10 mg/h         Image: PRN       naloxone       0.1 mg, IV, q2min, PRN other (see comm PRN Reason: Respiratory depression. Giv         Image: PRN       naloxone       0.1 mg, IV, q2min, PRN other (see comm         Image: PRN       naloxone       0.1 mg, IV, q2min, PRN other (see comm         Image: PRN       naloxone       0.1 mg, IV, q2min, PRN other (see comm         Image: PRN       naloxone       0.1 mg, IV, q2min, PRN other (see comm         Image: PRN       naloxone       0.1 mg, IV, q2min, PRN other (see comm         Image: PRN       morphine 10 mg / 1 mL is not the correct dose as indicated on the order profile.<br>The correct ordered dosage is morphine 2 mg.       Image: The correct ordered dosage is morphine 2 mg.   |   |                    | Scheduled  | Mnemonic                    | Details  | Result         |             |
|--|--|---|--------------------|------------|-----------------------------|--|----------------|-------------|
| PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm<br>PRN Reason: Respiratory depression. Giv<br>PRN Reason: Respiratory depression. Giv<br>PRN other (see comm       PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       PRN     N     Warning       Warning     X       PRN     Order profide.<br>The correct ordered dosage is morphine 2 mg.  | PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       PRN     Normalization     X       PRN     Warning     X       PRN     Warning     X       PRN     Continuous     Marrie To mg / 1 mL is not the correct dose as indicated on the order profile.<br>The correct ordered dosage is morphine 2 mg.     OK   | 0 | Ø 70 3 12          | PRN        | morphine<br>morphine (morph | dose range: 1 to 2 mg, IV, q10min, PR<br>hine Maximum dose: 10 mg/h                | morphine 10 mg | , IV, pain, |
| PRN     naloxone     0.1 mg, IV, q2min, PRN other (see comm       PRN     Warning       PRN     Warning       PRN     Continuous   | Image     PRN     National Out ong, IV, q2min, PRN other (see comm       Image     PRN       Image     PRN       Image     Continuous         Image     Continuous         Image     Continuous         Image     Continuous   |   | -9 <mark>19</mark> | PRN        | naloxone                    | 0.1 mg, IV, q2min, PRN other (see comm<br>PRN Reason; Respiratory depression, Giv. | 2              |             |
| PRN     Warning       Image: PRN     Warning       Image: PRN     Image: PRN       Image: PRN     Im | Warning  | 1 | Te 🔁               | PRN        | naloxone                    | 0.1 mg, IV, q2min, PRN other (see comm   | S              |             |
| PRN     morphine 10 mg / 1 mL is not the correct dose as indicated on the order profile.<br>The correct ordered dosage is morphine 2 mg.   | Image: PRN       Image: Second s |   | -13                | PRN        |                             | Warning  | x              |             |
| Continuous The correct ordered dosage is morphine 2 mg.  | The correct ordered dosage is morphine 2 mg.   |   | 18                 | PRN        | 👧 morphin                   | te 10 mg / 1 mL is not the correct dose as indicated on t                          | he             |             |
|  | <b></b> 5  |   | -                  | Continuous | The corr                    | ect ordered dosage is morphine 2 mg.   |                |             |
| <u></u> 6  |  |   |                    |            |                             |  | * 6            |             |
|  |  |   |                    |            |                             |  |                |             |

5. Warning window displaying reminding you that the dose scanned is not the correct dose and to modify dose to be administered. Click OK.



| - 6          |   | Scheduled  | Mnemonic                                       | Details  | Result                   | A COMPANY OF |
|--------------|---|------------|--|--|--------------------------|--------------|
| 7 <b>(</b> ) | 1   | PRN        | morphine<br>morphine (morphine                 | dose range: 1 to 2 mg, IV, q10min, PR<br>Maximum dose: 10 mg/h                         | norphine 10 mg, IV, pain | 6            |
| 1            | 10  | PRN        | naloxone                                       | 0.1 mg, IV, q2min, PRN other (see comm<br>PRN Reason: Respiratory depression, Giv      |                          |              |
| 3            | A.  | PRN        | naloxone                                       | 0.1 mg, IV, q2min, PRN other (see comm<br>PRN Reason: Respiratory depression. Giv      |                          |              |
| 1            | 102   | PRN        | naloxone                                       | 0.1 mg, IV, q2min, PRN reverse opioid ef<br>Give q2min until sedation scale is less th |                          |              |
| 3            | (and the second | PRN        | naloxone                                       | 0.1 mg, subcutaneous, q2min, PRN rever<br>Give q2min until sedation scale is less th   |                          |              |
|              | ~@B   | Continuous | bupivacaine-hydromorp<br>BUpivacaine-HYDROmo   | .4 mL/h starting rate, 0 mL/h minimum rat  |                          |              |
| 1            |   | Continuous | Sodium Chloride 0.45%<br>sodium chloride 0.45% | order rate: 75 mL/h, IV, drug form: bag  |                          |              |
|              | 14000   |            |  | 2 of 3   | Back                     | Ne           |

6. Click on medication under Result.

| here and the second sec |
|--|
| *Performed date / time :       15-Jan-2018       ↓       1452       ↓       PST         *Performed by :       TestSX, Nurse-Perioperative       ↓         Witnessed by :       ↓       ↓   |
| Last Documented Administration: 15-Jan-2018 13:34:00 PST by TestSX, Nurse-Perioperative morphine 2 mg  |
| Acknowledge Respiratory Rate No Result found in previous 5 minutes. Trend  |
| Diluent: <pre></pre>   |
| Reason : pain v<br>Total Volume : 1 Infused Over : 0 minute v  |
|  |
| Not Given  |
| Reason :   |
| Comment  |
|  |

- 7. A charting window will appear. Enter the following details:
  - **Respiratory Rate** = 12
- 8. Modify dose as needed to 2 mg.
- 9. Modify volume accordingly to 0.2 mL.
- 10. Click OK



|   |            | Scheduled  | Mnemonic                                       | Details  | Result  |
|---|------------|------------|--|--|---|
| 1 | 0 m/30     | PRN        | morphine<br>morphine (morphine                 | dose range: 1 to 2 mg, IV, q10min, PR<br>Maximum dose: 10 mg/h                         | morphine 2 mg, IV, pain<br>Respiratory Rate : 22 br/min |
|   |            | PRN        | naloxone                                       | 0.1 mg, IV, q2min, PRN other (see comm<br>PRN Reason: Respiratory depression, Giv      |   |
| 1 | , <b>1</b> | PRN        | naloxone                                       | 0.1 mg, IV, q2min, PRN other (see comm<br>PRN Reason: Respiratory depression. Giv      |   |
|   |            | PRN        | naloxone                                       | 0.1 mg, IV, q2min, PRN reverse opioid ef<br>Give q2min until sedation scale is less th |   |
|   |            | PRN        | naloxone                                       | 0.1 mg, subcutaneous, q2min, PRN rever<br>Give q2min until sedation scale is less th   |   |
|   |            | Continuous | bupivacaine-hydromorp<br>BUpivacaine-HYDROmo   | .4 mL/h starting rate, 0 mL/h minimum rat  |   |
|   |            | Continuous | Sodium Chloride 0.45%<br>sodium chloride 0.45% | order rate: 75 mL/h, IV, drug form: bag  |   |
|   |            |            |  |  | 1   |

- 11. Click Sign
- 12. Complete your medication checks and administer the medication. Assuming this is complete, now you can sign for the medications administered. Click **Sign** and **Refresh**

| *** 66' 🗎                 |  |                          |                          |                          |                         |
|---------------------------|--|--------------------------|--------------------------|--------------------------|-------------------------|
| MI Medications (System)   | V Wednesday, 17-January-2018 10:35 PST - Friday, 19-January-2  | 2018 10:35 PST           | (Clinical Range)         |                          | 4 1                     |
| Show All Rate Change Docu | Medications  | 18-Jan-2018<br>10:36 PST | 18-Jan-2018<br>09:13 PST | 18-Jan-2018<br>09:07 PST | 18-Jan-201<br>08:54 PS1 |
| Time View                 | PRN  |                          |                          |                          |                         |
| Scheduled                 | PRN morphine PRN range dose)   | 2 mg<br>Last given:      |                          |                          |                         |
| Unscheduled               | dose range: 1 to 2 mg, IV, q10min, PRN pain, drug form: inj, start: 15-Jan-2018 13:15 PST<br>Maximum dose: 10 mg/h | 18-Jan-2018<br>10:36 PST |                          |                          |                         |
| PRN                       | morphine   | * 2 mg Auth (Ver         |                          |                          |                         |
| - Continuous Infusions    | Respiratory Rate   | 22 Auth (Verified        |                          |                          |                         |

13. After refreshing the page, you will be able to see more details including the time the last dose was given.



#### Administer IV Normal Saline

4

IV normal saline does not have a barcode to be scanned as it is a Stores Item. Stores items are documented on the MAR differently. Let's begin the medication administration following the steps below.

| ≺ > • 者 MAR                   |  |                          |                          |                           |
|-------------------------------|--|--------------------------|--------------------------|---------------------------|
| *** 🖻                         |  |                          |                          |                           |
| All Medications (System)      | ▼ Wednesday, 13-December-2017 12:20 PST  | - Friday, 15-De          | cember-2017 1            | 2:20 PST (Clinical Range) |
| Show All Rate Change Docu     | Medications  | 14-Dec-2017<br>14:34 PST | 14-Dec-2017<br>14:23 PST | 14-Dec-2017<br>14:19 PST  |
| Time View                     | PRN  |                          |                          |                           |
| Scheduled                     | PRN  | Med Response             | 2 mg                     |                           |
| Unscheduled                   | morphine (morphine PKN range dose)<br>dose range: 1 to 2 mg, IV, q10min, PRN pain, drug form: inj, start: 14-Dec-2017 14:12 PST<br>Maximum dose: 10 mg/h |                          | 14-Dec-2017<br>14:19 PST |                           |
| PRN PRN                       | morphine   |                          |                          | * 2 mg Auth (Ver          |
| 🔽 Continuous Infusions        | Respiratory Rate   |                          |                          | 12 Auth (Verified         |
|                               | Continuous Infusions   |                          | Dending                  |                           |
| Future                        | sodium chloride 0.9% (NS) continuous infusion 1.000 ml   |                          | Not previously           |                           |
| Discontinued Scheduled        | order rate: 75 mL/h, IV, drug form: bag, start: 14-Dec-2017 14:12 PST, bag volume (mL): 1,000  |                          | given                    |                           |
| Discontinued Unscheduled      | Administration Information   |                          |                          |                           |
| Discontinued PRN              | sodium chloride 0.9%   |                          |                          |                           |
|                               |  |                          |                          |                           |
| Discontinued Continuous Infus |  |                          |                          |                           |

1. From the **MAR**, review the order details for the **sodium chloride 0.9% continuous infusion**. **Note:** the status is **Pending** meaning it has not been administered yet.

| P CSTLEARNING, DEMOALPHA - 700008214 Opened by TestUser, Nurse   |   |
|--|---|
| Task Edit View Patient Chart Links Options Help  |   |
| 👔 CareCompass 🌃 Clinical Leader Organizer 🛓 Patient List 💭 Multi-Patient Task List 🎬 Discharge Dashboard 😂 Staff Assignmen | t 🏗 LearningLIVE                        |
| 😧 CareConnect 🔃 PHSA PACS 🔃 VCH and PHC PACS 🔃 MUSE 🔃 FormFast WFI 🚏 🖉 Tear Off 🗐 Exit 🎬 AdHoc 🚥 Medice                    | ion Administration 2 Conversation •     |
| Q Patient Health Education Materials Q Policies and Guidelines Q UpToDate  | Launch Medication Administration Wizard |
| CSTLEARNING, DEMOALPHA   |   |

2. To administer the infusion, click on **Medication Administration** from the toolbar.

| P Medication Administration   |   |   |                                  |
|-------------------------------|---|---|----------------------------------|
| LINESTUBESDRAINS, MAX<br>Male | MRN: 700002077<br>FIN#: 700000003266            | DOB: 23-Feb-1985<br>Age: 32 years   | Loc: 301; 01M<br>** Allergies ** |
| A                             | Please scan<br>Iternatively, select the patient | the patient's wristband.<br>profile manually by clicking the (Next) button. |                                  |
| Ready to Scan                 |   | 1 of 2  | Next 3                           |

3. The **Medication Administration** window opens prompting you to scan the patient's wristband. Scan the **barcode** on the patient's wristband.



|          |                   |            | 14-Dec-2017 1                             | 3:13 PST - 14-Dec-2017 15:43 PST                                |                                       |
|----------|-------------------|------------|---|---|---------------------------------------|
|          |                   | Scheduled  | Mnemonic                                  | Details   | Result                                |
|          | ` <b>@(</b> \$ :• | PRN        | morphine<br>morphine (morphine PR         | dose range: 1 to 2 mg, IV, q10min, PRN<br>Maximum dose: 10 mg/h |                                       |
|          | •                 | Continuous | Sodium Chloride 0.9% sodium chloride 0.9% | order rate: 75 mL/h, IV, drug form: ba                          | 1,000 mL, IV, 75 mL/h, <site>_</site> |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
|          |                   |            |   |   |                                       |
| Ready to | o Scan            |            |   | 2 of 2  | Back                                  |

- 4. A list of ordered medications that can be administered appears in the Medication Administration window. The next step would be to scan the barcode on the medication, but with items that do not have a barcode, such as Normal Saline, we cannot do this. Instead, scroll down to manually select the small box on the left beside the order for the Sodium Chloride 0.9% (NS) continuous infusion 1,000mL, order rate: 75ml/hr, IV.
- 5. Click on the **Task Incomplete** icon and another charting window will open for the sodium chloride 0.9% (NS) continuous infusion 1,000mL

| P Charting for: CSTLEARNI   | P Charting for: CSTLEARNING, DEMOALPHA                 |                     |             |  |  |  |
|---|--|---------------------|-------------|--|--|--|
| sodium chloride 0.9% (NS) continuous infusion 1,000 mL<br>order rate: 75 mL/h, IV, drug form: bag, start: 28-Nov-2017 13:29 PST, bag volume (mL): 1,000 |  |                     |             |  |  |  |
| Ves No sodi   | um chloride 0.9% (NS) continuou                        | s infusion 1,000 mL | Change      |  |  |  |
| *Performed date / time :  | 28-Nov-2017  | 600 🚔 PST           | Comment     |  |  |  |
| *Performed by :   | TestUser, Nurse  |                     |             |  |  |  |
| Witnessed by :  |  |                     |             |  |  |  |
| *Bag # :  | 1  |                     |             |  |  |  |
| *Site :   | -  |                     |             |  |  |  |
| *Volume (mL) :  | <show all=""><br/>Antecubital Fossa - Left</show>      |                     |             |  |  |  |
| *Rate (mL/h) :  | Antecubital Fossa - Right                              |                     |             |  |  |  |
|   | Arm, Lower - Right<br>Arm, Upper - Left                |                     |             |  |  |  |
|   | Arm, Upper - Right<br>Chest, Anterior - Left           |                     | Begin Bag   |  |  |  |
|   | Chest, Anterior - Right<br>Foot - Left<br>Foot - Right |                     | OK Cancel 6 |  |  |  |

6. Fill in the mandatory information, in this case: **Site** = *Arm, Lower-Left* and click **OK** 



For the purpose of this scenario, please fill in **Performed time** = 0600

|   | sodium chloride 0.9% (NS) continuous infusion 1,000 mL<br>order rate: 75 mL/h, IV, drug form: bag, start: 28-Nov-2017<br>13:29 PST, bag volume (mL): 1,000 | ✓<br>Complete |
|---|--|---------------|
| l | Administration Information   | 7             |
| l | sodium chloride 0.9%   | · · ·         |

- 7. Click **Sign** and you will be brought back to the **MAR** where the sodium chloride 0.9% continuous infusion at 75mLh is now shown as complete and the time the bag was started.
- 8. Click Refresh.

**Note:** Since you have documented the first bag of this continuous infusion it will show as completed. Once the page is refreshed, it will revert back to pending as the order is for continuous infusion; therefore this will continue to show as further bags are administered.



All fluids administered through MAR and MAW should flow to the **Intake and Output** where you will be able to see your patient's fluid balance.

- 9. From the Menu, click on Interactive View and I&O.
- 10. Click on Intake and Output band.
- 11. **Refresh** the page.



| 🗙 Adult Quick View                           | Sunda Sunda   | ay, 03-D                             | ecember-2 | 017 06:00 F | PST - Wedne             | sday, 06-De          | cember-201 | 7 05:59 PS | Т     |
|--|---|--------------------------------------|-----------|-------------|-------------------------|----------------------|------------|------------|-------|
| X Adult Systems Assessment                   | Today's Intake: 1000 mL Outr                              | out: 0 m                             | L Balance | : 1000 mL   | Yesterda                | v's Intake:          | 0 mL Outp  | ut: 0 mL   | Balan |
| X Adult Lines - Devices                      |   |                                      |           |             | 04 Dec 2017             |                      |            |            |       |
| X Adult Education                            |   |                                      | 10:00 -   | 09:00 -     | 04-Dec-2017             | 07:00 -              | 06:00 -    | 24 Hour    | Night |
| Slood Product Administration                 |   |                                      | 10:59 PST | 09:59 PST   | 08:59 PST               | 07:59 PST            | 06:59 PST  | Total      | To    |
| 🔨 Intake And Output                          | ⊿ Intake Total  |                                      |           |             |                         |                      |            |            |       |
| intake                                       | ⊿ Continuous Infusions                                    |                                      |           |             |                         | 1                    |            |            |       |
| Continuous Infusions                         | sodium chloride 0.9% (NS)<br>continuous infusion 1,000 mL | mL                                   |           |             | 75                      | 75                   | 75         |            |       |
| Medications                                  | ⊿ Oral  |                                      |           |             |                         | r -                  |            |            |       |
| Chest Tubes                                  | Oral Intake   | mL                                   |           |             |                         |                      |            |            |       |
| Enteral                                      | ⊿ Other Intake Sources                                    |                                      |           |             |                         |                      |            |            |       |
| GI Jube                                      | ⊿ Negative Pressure Wound The                             | rapy                                 |           |             |                         |                      |            |            |       |
| Urinany Diversion Intake                     | ⊿ Surgical Drain, Tube Inputs                             |                                      |           |             |                         |                      |            |            |       |
| Oral   | ⊿ Output Total  |                                      |           |             |                         |                      |            |            |       |
| Other Intake Sources                         | ⊿ GI Tube   |                                      |           |             | Onc                     | e you do             | ouble clic | k 🔪        |       |
| Negative Pressure Wound Therapy              | △ Gastrostomy (G) tube Left                               | ⊿ Gastrostomy (G) tube Left upper    |           |             | in the blank cells, the |                      |            |            |       |
| Advanced Granbing                            | Output  | mL                                   |           |             | hou                     | hourly volume of the |            |            |       |
| Advanced Graphing                            | Irrigant Out  | mL                                   |           |             |                         | atinu ouo            | infusion   |            |       |
| Kestraint and Seclusion                      | Residual Discarded  | mL                                   |           |             | 0                       | nunuous              | iniusion   |            |       |
| C Procedural Sedation                        | ⊿ Other Output Sources                                    | ⊿ Other Output Sources will populate |           |             |                         |                      |            |            |       |
| Manual Ambulatory Infusion Center Monitoring | ⊿ Negative Pressure Wound The                             | rapy                                 |           |             |                         |                      |            |            |       |
| Ambulatory Nursing Procedures                | ⊿ Stool Output  |                                      |           |             |                         |                      |            |            |       |
|  | Stool Count (Number of Stools                             | )                                    |           |             |                         |                      |            |            |       |

- 12. Click on Continuous Infusions. The Sodium Chloride infusion will be listed.
- 13. Double- click in the time cell in the current hour (left hand side) for the continuous infusion. The cell will update with the prorated hourly volume.
- 14. Click Sign.

#### **Key Learning Points**

- Use barcode scanner to document medications
- Non-barcoded IV fluids cannot be scanned, but the patient's wristband should still be scanned through MAW to help identify the correct patient.
- Medication volumes will flow from the MAR into the Intake and Output section of iView
- Continuous infusions are documented using MAR and MAW
  - All infusions documented through MAR pulls forward into Intake and Output

1



### Activity 1.10 – Complete Discharge Criteria in iView

The patient is ready to leave PACU. Complete the Modified Aldrete Score and Discharge Criteria documentation within iView to determine Readiness for Discharge to the next Phase.

| Menu 7                     | < > - 🛉 Interactive View and I&O  |
|----------------------------|---|
| Perioperative Summary      |   |
| Perioperative Doc          |   |
| Orders 🕂 Add               | Certip Quick View Last 24 Hours   |
| MAR                        | Phase I Anival Find Item Critical High Low Abnormal Unauth Flag                   |
| MAR Summary                | VITAL SIGNS   |
| Interactive View and I&O   | Pediatric Early Warning System     Pediatric Early Warning System     14-Dec-2017 |
| Results Review             | Auway Managementa<br>PRSPIRATORY 15:22 PST 14:19 PST                              |
| Form Browser               | Sedation Scale Used Sedation Scale Used Sedation Scale Used                       |
| Histories                  | Discharge Citeria / PAIN ASSESSMENT Modified Aldrete Score 4                      |
| Allersian <b>J</b> Add     | Confort Measures Pain Present Pasero Opioid Induced Security Scale                |
|                            | Incision/Wound/Skin/Pin Ste Brymin Richmond Agitation Sedation Scale              |
| Diagnoses and Problems     | Surgical Drains/Tubes Original Search Surgical Drains/Tubes                       |
|                            | Neuro Drains Pollisting   |
| CareConnect                | Gastrointestinal lubes Quality  |
|                            | Location Location   |
| Clinical Research          | Activities of Daily Living  |
| Documentation 🕂 Add        | Glucose Blood Point of Care Radiation Characteristics                             |
|                            | Specimen Collect  |
| Immunizations              | Restraint Information   |
| Lines/Tubes/Drains Summary | Periop Systems Assessment     Pain Tool Used                                      |
| Medication Request         |   |
|                            | ≪ Perion Lines-Devices  |

- 1. Navigate to Interactive View and I&O from the Menu.
- 2. Select the Sedation Scales section of the Periop Quick View band.
- 3. Double-click the **blue box** next to the name of the section to open documentation for this section. You can move through the cells by pressing **Enter** on the keyboard.
- 4. Select the Modified Aldrete Score. Additional cells appear for documentation. Document using the following data:
  - **Respiratory**: Able to deep breathe and cough freely
  - **Circulation**: BP +/- 20% of pre-op value
  - Level of Consciousness: Awake and oriented
  - Movement: Moves 4 limbs on own
  - **SpO2**: Able to maintain O2 saturation greater than 92% on room air
  - Modified Aldrete Score: (Note that this score is auto-calculated to 10)



| ™ 🗄 🕮 🕸 🖌 <mark>/ 7</mark> 🖿 🖬 🎘 ×  |  |
|---|--|
| Yeriop Quick View   | Last 24 Hours  |
| Phase I Arrival     Phase II Arrival     Phase II Arrival     VITAL SIGNS     Modified Early Warning System     Pediatric Early Warning System     Airway Management     RESPIRATORY     Sedation Scales     Discharge Criteria     5 | Find Item     Critical     High     Low     Abnormal     Unauth     Flag       Result     Comments     Bao     Date     Performed R       14-Dec-2017     15:22 PST     14:19 PST       A Discharge Criteria     Image: Criteria     Image: Criteria       Nausea and Vomiting     Nausea and Vomiting     X |
| PAIN ASSESSMENT     Comfort Measures     Incision/Wound/Skin/Pin Site     Surgical Drains/Tubes     Neuro Decision  | Bleeding Controlled nausea/vomiting Pain Further treatment required  Discharge Criteria Score Uncontrolled nausea/vomiting   |
| Gastrointestinal Tubes<br>Urinary Catheter<br>Urine Output<br>Activities of Daily Living<br>Glucose Blood Point of Care   | Respiratory Rate     br/min     12       Onset         Provoking         Palliating         Quality         Location   |
| Restraint Information     Restraint Information     Periop Systems Assessment     Periop Safety Departure     Periop Lines-Devices  | Laterality Radiation Characteristics Pain Comment Secondary Pain Site Additional Pain Sites  |
| 🖋 Intake And Output<br>🖋 Advanced Graphing  | Pain Tool Used     A Restraint Information   |

- 5. Select the **Discharge Criteria** section of the **Periop Quick View** band.
- 6. Double-click the **blue box** next to the name of the section to open documentation for this section. You can move through the cells by pressing **Tab** on the keyboard. Document using the following data:
  - Nausea and Vomiting: Controlled nausea/vomiting
  - Bleeding: Dressing site dry and clean
  - Pain: Controlled pain
  - Discharge Criteria Score: (Note that this score is auto-caculated to 6)
- 7. Click Green checkmark icon 🗸 to sign

1



### Activity 1.11 – Discontinuing a PowerPlan

Let's assume that your patient is now transferring from Phase I to Phase II.

**Note:** If discharging from Phase I (PACU) to Phase II (SDCC), you will only discontinue the ANES Post Anesthesia Care Unit (PACU) PowerPlan.

| Menu P  | < > 👻 👬 Orders                         |                     |  |  |  |  |  |  |  |
|---|--|---------------------|--|--|--|--|--|--|--|
| Perioperative Summary + Add 🔐 Document Medication by Hx Reconciliation - 🔥 Check Interactions |  |                     |  |  |  |  |  |  |  |
| Perioperative Doc   | ······································ |                     |  |  |  |  |  |  |  |
| Orders 1 🕂 Add  | Orders Document In Plan                |                     |  |  |  |  |  |  |  |
| MAR   |  | <b>⊢</b> ,          | 🗊 😪 🚫 🕂 Add to Phase 🗸 🛕 Check A   |  |  |  |  |  |  |
| MAR Summary   | View                                   |                     | Ø Offset ♥ Component   |  |  |  |  |  |  |
| Interactive View and I&O  |  | Â                   | NES Post Anesthesia Care Unit (PACU) (pr   |  |  |  |  |  |  |
| Results Review  | - Document In Plan                     | L                   | ast updated on: 14-Dec-2017 13:44 PST<br>lerts last checked on 14-Dec-2017 13:44 |  |  |  |  |  |  |
| Form Browser  |  |                     | Admit/Transfer/Discharge   |  |  |  |  |  |  |
| Histories   | Suggested Plans (0)                    | Initiate            | Restricted to Depart     PACU purse to direct                                    |  |  |  |  |  |  |
| Allergies 🕂 Add   | ⊡ Orders 3                             | Discontinue         | Care   |  |  |  |  |  |  |
| Diagnoses and Problems  | Admit/Transfer/Discharge               | Void                | Notify Treating Pro  |  |  |  |  |  |  |
|   | Patient Care                           | Plan Information    | Communication Of     POC Glucose Whole   |  |  |  |  |  |  |
|   | - Activity                             | rian information    |  |  |  |  |  |  |  |
|   | Diet/Nutrition                         | Check Alerts        | Vital Signs  |  |  |  |  |  |  |
| Clinical Research   | Continuous Infusions Add Comment       |                     |  |  |  |  |  |  |  |
| Documentation 🕂 Add   | Integrations     Read Products         | 6 H 5 X             | sodium chloride 0.9  |  |  |  |  |  |  |
| Immunizations   |  | Save as My Favorite | 🕅 plasmalyte (plasma   |  |  |  |  |  |  |

- 1. Navigate to the Orders Profile by selecting Orders from the Menu.
- 2. Right-click ANES Post Anesthesia Care Unit (PACU) PowerPlan from the View menu.
- 3. Select Discontinue

| P Di | P Discontinue - ANES Post Anesthesia Care Unit (PACU) (prototype) |           |   |     |  |  |  |  |
|------|---|-----------|---|-----|--|--|--|--|
|      |   |           |   |     |  |  |  |  |
| Kee  | p Component   | Status    | Order Details   |     |  |  |  |  |
| Pati | ent Care  |           |   |     |  |  |  |  |
|      | 💙 Vital Signs   | Ordered   | 14-Dec-2017 11:12 PST, Stop: 14-Dec-2017 11:12 PST, As per policy |     |  |  |  |  |
|      | 🖄 Sedation Assessment   | Ordered   | 14-Dec-2017 11:12 PST, As per policy                              |     |  |  |  |  |
| Med  | lications   |           |   |     |  |  |  |  |
|      | ANES Respiratory<br>Depression (Module)<br>(validated)            | Initiated | Start: 14-Dec-2017 11:12 PST                                      |     |  |  |  |  |
|      |   |           |   |     |  |  |  |  |
|      |   |           | 4 OK Cano   | cel |  |  |  |  |

4. You are prompted to select orders to keep. As everything within these plans should be discontinued there is no need to keep any of the orders in place. Click **OK** 



| P Ordering Physician                            | <b>—</b> |
|---|----------|
| *Physician name                                 |          |
| Plisvca, Rocco, MD                              | 5 🕓      |
| *Order Date/Time                                | _        |
| 14-Dec-2017 🚔 💌 1126                            | PST      |
| *Communication type                             |          |
| Phone<br>Verbal                                 |          |
| Cosignature Required<br>Paper/Fax<br>Electronic |          |
| 6 ок  | Cancel   |

The Ordering Physician window opens.

- 5. Fill out mandatory fields highlighted yellow with the following details:
  - **Physician name** = type name of Attending Physician (last name, first name)
  - **Communication type** = No Cosignature Required
- 6. Click OK

| ANES Post Anesthe                     | sia Care Unit (PACU) (prototype) (Discontinued Pen      | ding)                        |   |   |
|---------------------------------------|---|------------------------------|---|---|
| Last updated on: 14                   | 4-Dec-2017 11:12 PST by: TestSX, Nurse-Perioper         | ative                        |   |   |
| ⊿ Admit/Transfer/                     | /Discharge  |                              |   |   |
| ()                                    | Restricted to Department of Anesthesiology              |                              |   |   |
| 9                                     | PACU nurse to discontinue ANES Pre Operative (Day       | of Surgery) and initiate the | e Post Anesthesia Care Unit (PACU) plan |   |
| ⊿ Patient Care                        |   |                              |   |   |
| 2                                     | <del>Vital Signs</del>                                  | Discontinue                  | 14-Dec-2017 11:31 PST                   |   |
|                                       | Sedation Assessment                                     | Discontinue                  | 14-Dec-2017 11:31 PST                   |   |
| ⊿ Medications                         |   |                              |   |   |
| <u>_</u>                              | Pre-operative medications for chronic pain should be    | e re-ordered and / or equiv  | alent opioid conversion ordered         |   |
| Analgesics: Opi                       | oids  |                              |   |   |
|                                       | IV Opioids  |                              |   |   |
| <u>Å</u>                              | PO Opioids  |                              |   |   |
| Nonsteroidal Ar                       | nti-inflammatory (NSAID)                                |                              |   |   |
| <u>(</u> §                            | NSAIDs contraindicated in renal dysfunction. Verify if  | NSAIDs ordered by surgic     | al service                              |   |
| Continuous IV N                       | Medications   |                              |   |   |
| <u>/</u> &                            | The following lidocaine and ketamine infusions are c    | ontinued from Operating I    | Room and will be discontinued when pa   | tient leaves PACU unless the ANES Lidocaine Infusion (Module) or ANES Ketamine Infusion |
| · · · · · · · · · · · · · · · · · · · | (Module) are ordered                                    |                              |   |   |
| Modules                               |   |                              |   |   |
| <u>/</u> %                            | If ordered the following modules will only be active in | n the PACU and will be dis   | continued when patient leaves PACU      |   |
| e,                                    | ANES Respiratory Depression (Module) (validated)        | Discontinued                 | 14-Dec-2017 11:12 PST                   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       |   |                              |   |   |
| 🛣 Details                             |   |                              |   |   |
|                                       |   |                              |   |   |
|                                       | 11  |                              |   |   |
| Orders For Cosignatu                  | ure Orders For Nurse Review Save as My Favorite         |                              |   | 7 Orders For Signature  |

7. Notice that all of the orders are crossed out. Review the orders and click Orders for



Signature. In the following screen, click Sign and Refresh



The **ANES Post Anesthesia Care Unit (PACU)** PowerPlan is no longer bolded, indicating that it is not active and states that it is discontinued.

**Note:** Active PowerPlans display bolded, while inactive (planned or discontinued) PowerPlans do not display bolded.

In a real scenario, you would review the PreOp PowerPlans and discontinue any that were initiated but not completed. However, in this workbook only PostOp PowerPlans are addressed.



# Activity 1.12 – Update Patient Status in Perioperative Tracking

1 Now that your patient is moving to Phase II, change the patient's status directly from Perioperative Tracking view. The advantage of Perioperative Tracking is that real time patient status can be immediately communicated as they occur.

Let's assume that in this scenario, the Surgical Daycare Centre (SDCC) is unable to accept the patient right away. Update the Perioperative Tracking to indicate that the patient is ready to be transferred when there is a bed available in SDCC. Set an Event to place the patient **On Hold for Phase II.** 

**Note:** An Event can include an alert (e.g., Violence Alert), a patient status (e.g., Pt. in Waiting Room), and notifications (e.g., Seen by Nurse).

| PowerChart Organizer for TestSX, Nurse-Perioperative   |   |  |  |  |  |  |  |  |  |  |
|--|---|--|--|--|--|--|--|--|--|--|
| Task Edit View Patient Chart Links CaseActions Provider List Help  |   |  |  |  |  |  |  |  |  |  |
| Perioperative Tracking 👖 ient List Dynamic Case Tracking 🛱 Case Selection 🎬 Time-Critical Procedures 🎬 LearningLIVE 🖕  |   |  |  |  |  |  |  |  |  |  |
| 🕴 😋 Patient Health Education Materials 🔞 Policies and Guidelines 🤪 🗄 🕲 CareConnect 🤤 🗄 🕮 Exit 🎬 AdHoc 💵 Medication Admi                                      | inistration   BM Conversation 👻 🗎 Medical Record Request 🕂 Add  |  |  |  |  |  |  |  |  |  |
| CSTDEMO, ZEUS 💌 CSTPRODBCSN, TARA 💌  |   |  |  |  |  |  |  |  |  |  |
| Perioperative Tracking   |   |  |  |  |  |  |  |  |  |  |
| LGH Endo PreOp LGH Endo PostOp LGH Endo Incomplete LGH MTR IntraOp SGH PreOp SG<br>LGH PAC LGH PreOp LGH Intraop LGH Phase I LGH Phase II LGH Emergency List | LGH Endo PreOp         LGH Endo PostOp         LGH Endo Incomplete         LGH MTR IntraOp         SGH PreOp         SGH Intraop         SGH Phase I         SGH Emergenc           LGH PAC         LGH PreOp         LGH Intraop         LGH Phase I         LGH Phase I         LGH PreOp         LGH CHI Intraop         LGH CHI Intraop |  |  |  |  |  |  |  |  |  |
| Filter: LGH Phase I 🔹 🔞 🛛 📸 🌳 🛐   Total Cases: 3   |   |  |  |  |  |  |  |  |  |  |
| Status Start Stop Add PT Type CK Iso Alerts  | Allergy Patient Age / Sex Surgeon   |  |  |  |  |  |  |  |  |  |
| LGHOR GRV (1 case)   |   |  |  |  |  |  |  |  |  |  |
| 08:00 09:27 Day Surgery 2  | CSTPRODBCSN, TAR37 years / Hunter, .  |  |  |  |  |  |  |  |  |  |
| LGHOR KC (1 case)  | CSTPRODBCSN, TARA   |  |  |  |  |  |  |  |  |  |
| Pt. Out of Room 08:45 09:55 Pre-Outpatient   | Scheduling Appointment Book 57 years / Peeks, I<br>Periop Document Manager Vale   |  |  |  |  |  |  |  |  |  |
| LGHOR WHS (1 case)   | Surgical Case Check-In  |  |  |  |  |  |  |  |  |  |
| 15:00 15:50 Emergency  | Staff Assign 55 years / Aslani, 1   |  |  |  |  |  |  |  |  |  |
| Mass Checkout<br>SurgiNet Rules<br>Update Anticipated OR<br>Open Patient Chart   |   |  |  |  |  |  |  |  |  |  |
| 3 Set Events   |   |  |  |  |  |  |  |  |  |  |

- 1. Navigate to the **Perioperative Tracking** by clicking **Perioperative Tracking** from the Toolbar.
- 2. Right-click in the grey space in the row with the patient's name.
- 3. Select Set Events



| 🐼 Ca               | se Trac  | cking S | Set Events              |   |   |  |             |     |                                  |                     |        |
|--------------------|--|---------|-------------------------|---|---|--|-------------|-----|----------------------------------|---------------------|--------|
| Nan<br>OR:<br>Proc | Name: CSTPRODBCSN T<br>OR: LGHOR GRV<br>Procedu Repair Hernia Inguinal |         |                         |   | Surg Start Time:<br>Surgeon:<br>Case #: | 08:00<br>Hunter, James Mo<br>LGHOR-2017-1734 | Phalen<br>1 |     | Anesthesiologist:<br>Anes. Type: | Defer to Anesthesia |        |
| ione Call          | Vo Show  | n PAC   | Waiting for Unit<br>Bed |   | Date                                    | Time   | Locked le   | con | Name                             |                     |        |
| stOp Ph            | Patient/   | Locatio | Drop Off Board          |   |   |  |             |     |                                  |                     |        |
| tion Po            | umped  | p PAC   | On Hold for<br>Phase II | 5 |   |  |             |     |                                  |                     |        |
| ts <b>Isola</b>    | <b></b>  | p PreC  |                         |   |   |  |             |     |                                  |                     |        |
| art   Aler         |  | Intra(  |                         |   |   |  |             |     |                                  |                     |        |
| Case C             |  | /Phase  |                         |   |   |  |             |     |                                  |                     |        |
| Status             |  | Phase   |                         |   |   |  |             |     |                                  |                     |        |
| NPO                |  | 4       |                         |   |   |  |             |     |                                  |                     |        |
|                    |  |         |                         |   |   |  |             |     |                                  |                     |        |
|                    |  |         |                         |   |   |  |             |     |                                  | OF                  | Cancel |

- 4. Select the Phase I/Phase II tab
- 5. Click the **On Hold for Phase II** button.
  - The On Hold for Phase II button falls off of the left side of the screen. The right side of the screen will populate with On Hold for Phase II.

| Date        | Time  | Locked | lcon | Name                 |        |
|-------------|-------|--------|------|----------------------|--------|
| 14-Dec-2017 | 14.19 |        |      | On Hold for Phase II | 6      |
|             |       |        |      |                      | _      |
|             |       |        |      |                      |        |
|             |       |        |      |                      |        |
|             |       |        |      |                      |        |
|             |       |        |      |                      |        |
|             |       |        |      |                      |        |
|             |       |        |      |                      |        |
|             |       |        |      |                      |        |
|             |       |        |      |                      | _      |
|             |       |        |      | 7 ок                 | Cancel |

- 6. Review that the patient is now On Hold for Phase II
- 7. Click OK



| I | Perioperative Tracking |                        |                            |                      |             |                |                  |              |                 |           |                      |        |                   |
|---|------------------------|------------------------|----------------------------|----------------------|-------------|----------------|------------------|--------------|-----------------|-----------|----------------------|--------|-------------------|
|   | LG<br>LC               | H Endo PreOp<br>GH PAC | LGH Endo Post<br>LGH PreOp | Op   I<br>LGH Intrac | .GH Endo In | compl<br>LGH P | ete LG<br>hase I | H MTR<br>LGH | IntraO<br>Phase | p  <br>II | SGH PreOp<br>LGH Eme | rgency | SGH Intra<br>List |
|   | Filte                  | r: LGH Phase I         | -   🛅 🗸                    | 🔶 🛃 ا 🖌              | 📒   Total ( | Cases:         | 3                |              |                 |           |                      |        |                   |
| ľ |                        | Status                 |                            | Start                | Stop        | Add            | PT Type          | Cł           | ( Iso           | Alerts    |                      |        |                   |
|   |                        | LGHOR G                | GRV (1 case)               |                      |             |                |                  |              |                 |           |                      |        |                   |
|   |                        | On Hold for Ph         | nase II                    | 8                    | 09:27       |                | Day Surgery      | 1            |                 |           |                      |        |                   |
|   |                        | LGHOR K                | (C (1 case)                |                      |             |                |                  |              |                 |           |                      |        |                   |
|   |                        | Pt. Out of Roo         | m                          | 08:45                | 09:55       |                | Pre-Outpatie     | ent 🗹        |                 |           |                      |        |                   |
|   |                        | LGHOR V                | VHS (1 case)               |                      |             |                |                  |              |                 |           |                      |        |                   |
|   |                        |                        |                            | 15:00                | 15:50       |                | Emergency        |              |                 |           |                      |        |                   |

- 8. The Perioperative Tracking now shows the patient as On Hold for Phase II.
- 2 Once you have **Set an Event**, the only metrics that can be modified are the date and time of an event. Modify the time of the event.

| LGHOR GRV (1 case)   |       |       |                |   |  |                                |
|----------------------|-------|-------|----------------|---|--|--------------------------------|
| On Hold for Phase II | 08:00 | 09:27 | Day Surgery    | 1 | O.   | CSTPRODBCSN, TAR 37 ye         |
| LGHOR KC (1 case)    |       |       |                |   | CSTPRODBCSN, TARA                                      | rem                            |
| Pt. Out of Room      | 08:45 | 09:55 | Pre-Outpatient |   | Scheduling Appointment Book<br>Periop Document Manager | CSTPRODBCSN, BRY 67 ye<br>Male |
| LGHOR WHS (1 case)   |       |       |                |   | Surgical Case Check-In                                 |                                |
|                      | 15:00 | 15:50 | Emergency      |   | Staff Assign   | CSTPRODBCDA, STAI55 ye         |
|                      |       |       |                |   | Mass Checkout  | Male                           |
|                      |       |       |                |   | SurgiNet Rules   |                                |
|                      |       |       |                |   | Update Anticipated OR                                  |                                |
|                      |       |       |                |   | Open Patient Chart                                     | •                              |
|                      |       |       |                | 1 | Set Events   |                                |

1. Right-click in the grey space in the row with the patient's name and select Set Events.

| 😵 Case Tra | icking Set Events                   |     |                  |                 |          |      |                 |                     |              |
|------------|-------------------------------------|-----|------------------|-----------------|----------|------|-----------------|---------------------|--------------|
| Name:      | CSTPRODBCSN T                       |     | Surg Start Time: | 08:00           |          | A    | nesthesiologist | :                   |              |
| OR:        | LGHOR GRV                           |     | Surgeon:         | Hunter, James M | IcPhalen | A    | nes. Type:      | Defer to Anesthesia |              |
| Procedu    | . Repair Hernia Inguinal            |     | Case #:          | LGHOR-2017-17   | 34       |      |                 |                     |              |
| e =        |                                     | _   | Date             | Time            | locked   | lcon | Name            |                     |              |
| ase        | e <mark>C</mark> atic<br>tatu<br>PA | ##  | 14-Dec-2017      | 14:19           |          |      | On Hold         | for Phase II        |              |
| <u>⊢ ₹</u> | sol Sol                             |     |                  |                 |          |      |                 |                     | Add Event    |
| e l        |                                     |     |                  |                 |          |      |                 | 2                   | Modify Event |
| itra       | cat tier                            | 1   |                  |                 |          |      |                 |                     | Remove Event |
| 트립         | Lo Par                              | 2   |                  |                 |          |      |                 |                     |              |
|            | AC ed II                            |     |                  |                 |          |      |                 |                     |              |
|            | C C                                 |     |                  |                 |          |      |                 |                     |              |
|            | Bu                                  |     |                  |                 |          |      |                 |                     |              |
|            | <u> </u>                            | < • |                  |                 |          |      |                 |                     |              |
|            |                                     |     |                  |                 |          |      |                 |                     | OK Cancel    |
|            |                                     |     |                  |                 |          |      |                 |                     |              |

• The Case Tracking Set Events window opens.



- 2. Right-click the event and select Modify Event.
  - On Hold for Phase II window opens.

| Case Tracking Set Events  |   |                                 |
|---|---|---------------------------------|
| Name: CSTPRODBCSN T   | Surg Start Time: 08:00  | Anesthesiologist:               |
| OR: LGHOR GRV<br>Procedu Repair Hernia Inguinal   | Surgeon: Hunter, James McPhalen Case # IGHOR-2017-1734  | Anes. Type: Defer to Anesthesia |
| IntraOp Preop<br>PostOp Phone Call<br>PostOp Phone Call<br>NPO Status<br>NPO Status<br>C Location PAC | 14 On Hold for Phase II<br>14 Modify On Hold for F<br>14 International States and the states of the sta | Phase II                        |
| Case Ca<br>Bump   | 14-Dec-2017 3 1300<br>Remove OK   | 4 ancel 5 OK Cancel             |

- 3. Change the time to 1300.
- 4. Click OK in the On Hold for Phase II window.
- 5. Click OK in the Case Tracking Set Events window.
- 3 SDCC Nurse calls to inform you that they are ready to accept the patient. Your patient is transferred to Phase II (SDCC). If verbal handover occurs, you would comeplete Handoff documentation in iView similar to Activity 1.5.

### Key Learning Points

- Right click anywhere along the row with the patient's name to Set an Event.
- Events can be added, removed or modified.
  - Date and time are the only metrics that can be modified.

SELF-GUIDED PRACTICE WORKBOOK CST Transformational Learning

# Nursing: SDCC Nurse (Add On)

Complete the following activities if you are one of the following:

Surgical Daycare Centre Nurse



Last update: March 8, 2018 (v2)



# **PATIENT SCENARIO 2 – Phase 2 SDCC**

#### **Learning Objectives**

At the end of this Scenario, you will be able to:

Complete discharge activities in PowerChart

#### SCENARIO

The patient has arrived to SDCC. Complete discharge activities and discharge patient home with family.

**Note:** In SDCC, you will complete patient care activities including some of the following: documenting in iView and reviewing orders. The activities covered in Scenario 1 will also apply to your setting with some variation (e.g. documenting a removal of an iView instead of an insertion). Now let's complete activities specific to you.

Complete Nursing Discharge Checklist

- Printing a Patient Discharge Summary
- Discharge Encounter

1



# Activity 2.1 – Complete Nursing Discharge Checklist

Prior to sending the patient home, complete a Nursing Discharge Checklist.

|   | Perioperative Tracking |              |                         |                  |                    |                    |               |                     |                         |          |                          |                       |                |                        |                |
|---|------------------------|--------------|-------------------------|------------------|--------------------|--------------------|---------------|---------------------|-------------------------|----------|--------------------------|-----------------------|----------------|------------------------|----------------|
|   | LGF<br>LG              | H Endo PreOp | LGH Endo P<br>LGH PreOp | ostOp<br>LGH Int | LGH Endo I<br>raop | incomple<br>LGH Pł | ete<br>nase I | LGH MTR I<br>LGH PI | ntraO<br>n <b>ase I</b> | p  <br>I | SGH PreOp<br>LGH Emerger | SGH Intra<br>icy List | Bop  <br>LGH ( | SGH Phase I<br>DB View | SGF<br>LGH ECT |
| Filter: LGH Phase II 🔹   🛅 😪   🚘 🔶 其   Total Cases: 1 |                        |              |                         |                  |                    |                    |               |                     |                         |          |                          |                       |                |                        |                |
|   |                        | Status       |                         | Start            | Stop               | Add                | РТ Туре       | CK                  | lso                     | Alerts   |                          |                       | Allergy        | Patient                |                |
|   |                        | LGHOR        | GRS (1 case             | ∋)               |                    |                    |               |                     |                         |          |                          |                       |                |                        |                |
|   |                        | 1            |                         | 07:45            | 08:45              |                    | Pre-Day :     | Surgery             |                         |          |                          |                       | 0              | CSTSNWOR               | KBOOK, I       |

Begin by entering the patient's chart.

1. Double-click the Blue forward arrow icon

| Menu 7                   | < 🔹 🔸 Perioperative Sum       | nmary                                     |                                  |                 | [ <b>1</b> ]               |  |  |  |
|--------------------------|-------------------------------|---|----------------------------------|-----------------|----------------------------|--|--|--|
| Perioperative Summary 2  |                               |   |                                  |                 |                            |  |  |  |
| Perioperative Doc        | Preop Summary 🔀 Intra         | op Summary 🛛 🕅 Postop Summar              | / 🔀 Handoff Tool                 | 23 Quick Orders | 3 Discharge 🛛              |  |  |  |
| Orders 🕂 Add             |                               |   |                                  |                 |                            |  |  |  |
| MAR                      | Active Issues                 | Active Issues Discharge Descurrent Higher |                                  |                 |                            |  |  |  |
| MAR Summary              | Social Histories              |   | harge Planning Assessment        |                 |                            |  |  |  |
| Interactive View and I&O | Discharge Documentation (0) 4 | No results found                          | Nursing Discharge Checklist 6    |                 |                            |  |  |  |
| Results Review           | * Discharge Medications (0)   | Valu                                      | ables/Belongings                 |                 |                            |  |  |  |
| Form Browser             | Orders (0)                    | Discharge Medications (a) Nur             | Discharge Coordinator Assessment |                 |                            |  |  |  |
| Histories                | Provider Discharge            |   |                                  |                 |                            |  |  |  |
| Allergies 🕂 Add          | Documents (0)                 | * To satisfy this requirement, the p      |                                  |                 |                            |  |  |  |
| Diagnoses and Problems   |                               |   |                                  |                 |                            |  |  |  |
|                          |                               |   |                                  |                 | Status: 🟮 Meds History   🍳 |  |  |  |
| CareConnect              |                               | No results found                          |                                  |                 |                            |  |  |  |
| Clinical Research        |                               | no results really                         |                                  |                 |                            |  |  |  |
| Documentation 🛛 🕂 Add    |                               |   |                                  |                 | Document Histo             |  |  |  |
| Immunizations            |                               |   |                                  |                 |                            |  |  |  |

- 2. Select Perioperative Summary from the Menu
- 3. Select Discharge tab
- 4. Select Discharge Documentation component
- 5. Click the Blue downward arrow 🔻
- 6. Select Nursing Discharge Checklist
  - The Nursing Discharge PowerForm will open



| P Nursing Discharge | e Checklist - CSTSNWORKBOOK, PREOP         |          |     |        |                           | - • •          |  |  |  |
|---------------------|--|----------|-----|--------|---------------------------|----------------|--|--|--|
| 🔽 8 👌 🕷             | ▲ + 🔲 🖾 🗎                                  |          |     |        |                           |                |  |  |  |
| *Performed on: 15-  | -Dec-2017 📄 💌 1105 🚔 PST                   |          |     |        | By: TestSX, Nurse         | -Perioperative |  |  |  |
| Discharge Checkl    | Discharge Checklist                        |          |     |        |                           |                |  |  |  |
|                     | Discharge Checklist                        |          |     |        |                           |                |  |  |  |
| 7                   |  | N/A      | Yes | Other: |                           | 1              |  |  |  |
|                     | Follow Up Information Provided             |          | ×   |        |                           |                |  |  |  |
|                     | Discharge Education Provided               |          | ×   |        |                           |                |  |  |  |
|                     | Patient Discharge Summary Provided         |          | ×   |        |                           |                |  |  |  |
|                     | Prescriptions Given                        | X        |     |        |                           |                |  |  |  |
|                     | Medications Returned Per Inventory List    | X        |     |        |                           |                |  |  |  |
|                     | Valuables Returned Per Inventory List      | <u>×</u> |     |        |                           |                |  |  |  |
|                     | Home Equipment/Supplies Arranged           | X        |     |        |                           |                |  |  |  |
|                     | Community Services Arranged Post Discharge | <u>X</u> |     |        |                           |                |  |  |  |
|                     | I ransportation Arrangements Made          | X        |     |        |                           |                |  |  |  |
|                     |  |          |     |        |                           |                |  |  |  |
|                     | Accompanied By                             |          |     |        | Discharge Transportation  |                |  |  |  |
|                     | 🗖 None 🗖 Daughter 🗖 Ministr                | v worker |     |        | O Ambulance O Other:      |                |  |  |  |
|                     |  | hu       |     |        | O Cab                     |                |  |  |  |
|                     | Eriend Rerent Other                        | 4        |     |        | O Non-ambulance transport |                |  |  |  |
|                     | CieviGeentether Cickline                   |          |     |        |                           |                |  |  |  |
|                     | significant other sibling                  |          |     |        |                           |                |  |  |  |
|                     |  |          |     |        |                           |                |  |  |  |
|                     |  |          |     |        |                           | _              |  |  |  |
|                     | Discharge Comments                         |          |     |        |                           |                |  |  |  |
|                     | bisenarge comments                         |          |     |        |                           | -              |  |  |  |
|                     |  |          |     |        |                           |                |  |  |  |
|                     |  |          |     |        |                           |                |  |  |  |
|                     |  |          |     |        |                           |                |  |  |  |
|                     |  |          |     |        |                           |                |  |  |  |
|                     |  |          |     |        |                           |                |  |  |  |
| l                   |  |          |     |        |                           |                |  |  |  |
|                     |  |          |     | III    |                           | •              |  |  |  |
|                     |  |          |     |        | In                        | Progress       |  |  |  |

- 7. Complete the Discharge Checklist with the following information:
  - In the Discharge Checklist box select the following:
    - i. Follow Up Information Provided: Yes
    - ii. Discharge Education Provided: Yes
    - iii. Patient Discharge Summary Provided: Yes
    - iv. Prescriptions Given: N/A
    - v. Medications Returned Per Inventory List: N/A
    - vi. Valuables Returned Per Inventory List: N/A
    - vii. Home Equipment/Supplies Arranged: N/A
    - viii. Community Services Arranged Post Discharge: N/A
    - ix. Transportation Arrangements Made: N/A
  - In the Accompanied By box select the following: Spouse
  - In the **Discharge Transportation** box select the following: Personal vehicle
- 8. Click the Green Checkmark icon 🖌

1



### Activity 2.2 – Printing a Patient Discharge Summary

The Patient Discharge Summary is completed by the provider and summarizes for patients, information about their stay in hospital. It also includes follow-up appointment and medication information. It can be found in the Discharge tab of the Patient Summary section of the chart.

**Note:** The Patient Discharge Summary is dependent on whether the Provider completes it as per their workflow.

| Preop Summary 23            | Intraop Summary   | 23 Postop Summary 23                    | Handoff Tool 22 Quick Orders                         | 22 Discharge 22 +                                |  |  |  |  |
|-----------------------------|---|---|--|--|--|--|--|--|
| Active Issues               | Provider Discharge Documents (2) 🕂 Selected visit Last 1 months 2 🗧 |   |  |  |  |  |  |  |
| Discharge Documentation (0) | My notes only 🔲 Group by encounter 🔰 Display: Facility defined      |   |  |  |  |  |  |  |
| * Discharge Medications (0) | Time of Service   | Subject                                 |  | Onen Docum 3 Print                               |  |  |  |  |
| Orders (6)                  | 15/12/17 11:18  | Discharge Summary                       |  | open bocon                                       |  |  |  |  |
| Provider Discharge          | Proto and a second  | Same and second second second second    | Datient Discharge Summany                            | Patient Discharge Summary (Auth (Verifie<br>d))  |  |  |  |  |
| Documents (2)               | 13/12/17 11:17  | Patient Discharge Summary               | TestUser, GeneralMedicine-Physician, MD              | Last Updated: 15/12/17 11:18                     |  |  |  |  |
|                             | * Displaying up to th   | he last 50 recent notes for the selecte | d vriat.   | ×  |  |  |  |  |
|                             |   |   | Most Responsible Provider<br>No data documented      | E  |  |  |  |  |
|                             |   |   | Primary Health Care Provider<br>No PCP documented    |  |  |  |  |  |
|                             |   |   | PCP Phone Number<br>No data documented               |  |  |  |  |  |
|                             |   |   | Primary Health Care Provider wa<br>(X) Yes<br>(_) No | as notified in the first 24 hours post admission |  |  |  |  |

- 1. Select the Provider Discharge Documents component
- 2. Select **Patient Discharge Summary** document. The Patient Discharge Summary appears in a window on the right side of the screen.
- 3. Click Print

| Medical Record Req   | uest - CSTLE/ | ARNING, DEMODELTA - 700008217 - Discharge          | e Summary |                                |
|----------------------|---------------|--|-----------|--------------------------------|
|                      |               | Template<br>Document Template<br>Document Template | -         | Purpose<br>Continuing Care     |
|                      |               | NICU Transfer Template                             |           | Proper puttorization received? |
|                      |               |  |           |                                |
|                      |               |  |           |                                |
| Belated Providers Se | otions        |  |           | Requester                      |
| News                 | Deletionaleia | Device   |           | Comment                        |
|                      | Nurse         | Device   |           | *                              |
| TestUser, Nurse      | Nurse         |  | E         |                                |
| TestUser Nurse       | Nurse         |  |           |                                |
| TestUser, Nurse      | Nurse         |  |           | -                              |
| TestUser, Nurse      | Nurse         |  |           |                                |
|                      | NI            |  | *         | Device Copies                  |
| Device selected      |               | Uevice cross referenced                            |           | ▼ ! 🗣                          |
|                      |               | Preview  |           | Send                           |



- 1. From the Template drop-down list, choose **Document Template**
- 2. From the Purpose drop-down list, choose Continuing Care

**Note:** Please only practice the next step and do not send anything to print. Click in place of clicking Send.

3. Ensure you choose the correct printer from the **Device** drop list click **Send**.



### Activity 2.3 – Discharge Encounter



Now that your patient's chart is finalized and your patient has left SDCC, discharge their encounter from PowerChart.

Once you discharge a patient:

- Any outstanding initiated orders from the current patient encounter will be discontinued automatically.
- You and other clinicians will still be able to document on the patient chart.

**Note:** In Activity 1.6, you entered a Discharge from Phase II time in Perioperative Doc. Therefore we will do not need to enter a Discharge from Phase II time in Perioperative Doc again.

| 🕽 Case Selection 📲 Time-Critical Procedures 📲 LearningLIVE 🖕   |  |  |
|--|--|--|
| 🙄 🛿 😋 CareConnect 🙄 🗄 🛣 Tear Off 📲 Exit  🎬 AdHoc 💵 Medication Administration 🧧   | 💃 PM Conversation 🕤 🕺 dical Rec  | ord Request 🕂 Add 🕇  |
| 4-Dec-2000 MRN:700008577 Code Status:<br>years Enc:700000016574<br>r:Male PHN:9876418305 Dosing Wt:  | Bed Transfer<br>Cancel Discharge<br>Cancel Pending Transfer<br>Cancel Transfer<br>Discharge Encounter  | د<br>2   |
| ∑     Postop Summary     ∑     Handoff Tool       ■     ●     PowerForms (0)     ●       729     •     •       nguinal     •     •       esia     •     •       MD     •     • | Facility Transfer<br>Leave of Absence<br>Modify Discharge<br>Pending Facility Transfer<br>Pending Transfer<br>Print Specimen Labels<br>Process Alert<br>Register Phone Message<br>Update Patient Information<br>View Encounter | X     Discharge       Preoperative C       Selected visit       NPO       Consents       ECG       H&P       ID Verification |

- 1. Select **PM Conversation** from the **Toolbar**.
- 2. Select Discharge Encounter



| - Discharge Encounter                |                                     |                                   |  |                          |                 |                       |                            |
|--------------------------------------|-------------------------------------|-----------------------------------|--|--------------------------|-----------------|-----------------------|----------------------------|
| Medical Record Number:<br>700008577  | Encounter Number:<br>7000000016574  | Full Name:<br>CSTSNWORKBOOK, PREC | Date of Birth:<br>04-Dec-2000                | Age:<br>17Y              | Gender:<br>Male | BC PHN:<br>9876418305 |                            |
| Encounter Type:<br>Pre-Day Surgery v | Medical Service:<br>General Surgery | Facility:<br>LGH Lions Gate       | Building:<br>LGH Lions Gate                  | Unit/Clinic:<br>LGH SDCC | Room:<br>Chair  | Bed:<br>Spare         | Isolation Precautions:     |
| Registration Date:                   | Registration Time:                  |                                   |  |                          |                 |                       |                            |
| Discharge Disposition:               | Discharge Date:<br>**,***,***       | Discharge Time:                   | arge Username:<br>TestSX, Nurse-Perioperativ |                          |                 |                       |                            |
| — Deceased Details ————              |                                     |                                   |  |                          |                 |                       |                            |
|                                      |                                     |                                   |  |                          |                 |                       |                            |
|                                      |                                     |                                   |  |                          |                 |                       |                            |
|                                      |                                     |                                   |  |                          |                 |                       |                            |
|                                      |                                     |                                   |  |                          |                 |                       |                            |
|                                      |                                     |                                   |  |                          |                 |                       |                            |
| -                                    |                                     |                                   |  |                          |                 |                       | 4 Complete Cancel          |
| Ready                                |                                     |                                   |  |                          |                 | PRODBC SX             | EST.RNSX 15-Dec-2017 10:04 |

- 3. Complete the mandatory fields highlighted in Yellow with the following information:
  - Discharge Disposition: Discharge Home without Support Services
  - Discharge Date: < Enter Today's Date>
    - i. Hint: Typing "T" will autopopulate the current Date
  - Discharge Time: <Enter Applicable Time>
    - ii. Hint: Typing "N" will autopopulate the current Time
- 4. Click Complete

Your patient is now discharged from PowerChart.

#### Key Learning Points

- The patient discharge summary is completed by the provider to summarize for the patient, information about their hospital stay, follow-up appointments and medications
- You can preview documents by clicking on them in the respective workflow page component.
  - PM Conversation is used to discharge patients.



# **End of Workbook**

You are ready for your Key Learning Review. Please contact your instructor for your Key Learning Review.