

**SELF-GUIDED Practice Workbook [N73]**  
CST Transformational Learning

WORKBOOK TITLE:

**OB Nursing: FetaLink**

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*Last update: March 27, 2018 (V2)*



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## # SELF-GUIDED PRACTICE WORKBOOK

<b>Duration</b>	8 hours
<b>Before getting started</b>	<ul style="list-style-type: none"> <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>
<b>Session Expectations</b>	<ul style="list-style-type: none"> <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>■ Work through different learning activities at your own pace.</li> </ul>
<b>Proficiency Assessment</b>	<ul style="list-style-type: none"> <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> </ul>

## 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

## PATIENT SCENARIO 1

Duration	Learning Objectives
	<p>At the end of this Scenario, you will be able to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Log in to FetaLink and associate a patient to a monitor</li> <li><input type="checkbox"/> Enter a reason for monitoring</li> <li><input type="checkbox"/> Transfer a patient in FetaLink</li> </ul>

### SCENARIO

A pregnant woman presents to Labour and Delivery complaining of regular contractions for the last 2 hours. She tells you that she has Oligohydramnios and IUGR. You take her into the triage room and place her on EFM. After assessment, the patient will be admitted for labour and you will transfer her in FetaLink to a labour room.

As an inpatient nurse you will complete the following activities:

- Log in to FetaLink
- Navigate to the Census View
- Associate the patient to a monitor with a barcode scanner
- Enter a reason for monitoring
- Transfer the patient
- Associate a patient to a monitor manually

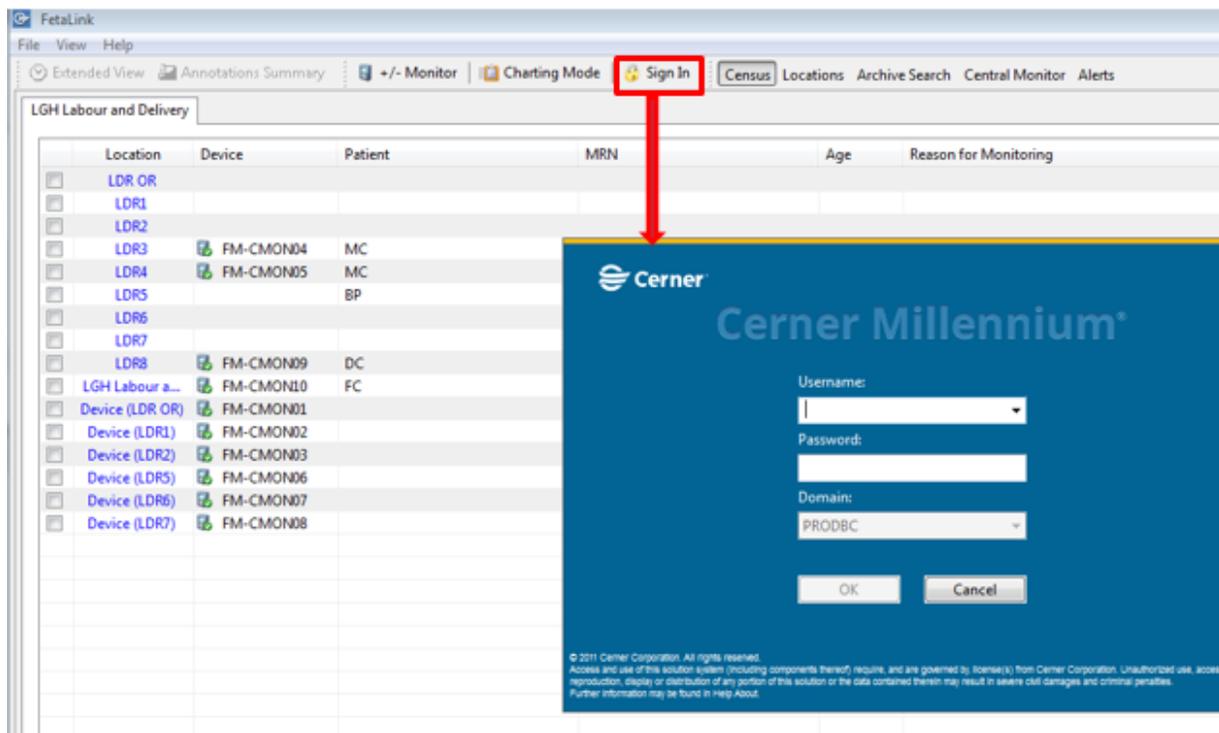
## Activity 1.1 – Census View

1

1. Open FetaLink application from desktop.



2. FetaLink application will open to the census screen in a read only view. Selection Sign In to login using millennium username and password.



3. Once logged in you will see the Census View for LGH LD. You will notice that the Sign Out button is now available.

The screenshot shows the FetaLink application window with the following elements highlighted:

- Unit Location:** Points to the 'LGH Labour and Delivery' header.
- Room Numbers:** Points to the 'Location' column containing LDR OR, LDR1, LDR2, LDR3, LDR4, LDR5, LDR6, LDR7, and LDR8.
- Device Names:** Points to the 'Device' column containing FM-CMON04 through FM-CMON08.
- Patient:** Points to the 'Patient' column showing initials (MC, BP, DC, FC).
- Reason for Monitoring:** Points to the 'Reason for Monitoring' column showing 'Labour Induction'.
- Manually added from List:** Points to a specific row in the table.
- Patient name displays as initials, hover to see full name:** Points to the 'Patient' column.

Location	Device	Patient	MRN	Age	Reason for Monitoring
LDR OR					
LDR1					
LDR2					
LDR3	FM-CMON04	MC	700008120	31	Labour Induction
LDR4	FM-CMON05	MC	700008121	37	Labour Induction
LDR5		BP	700008134	39	Labour Induction
LDR6					
LDR7					
LDR8	FM-CMON09	DC		28	
LGH Labour a...	FM-CMON08	FC	700001230	24	

### Key Learning Points

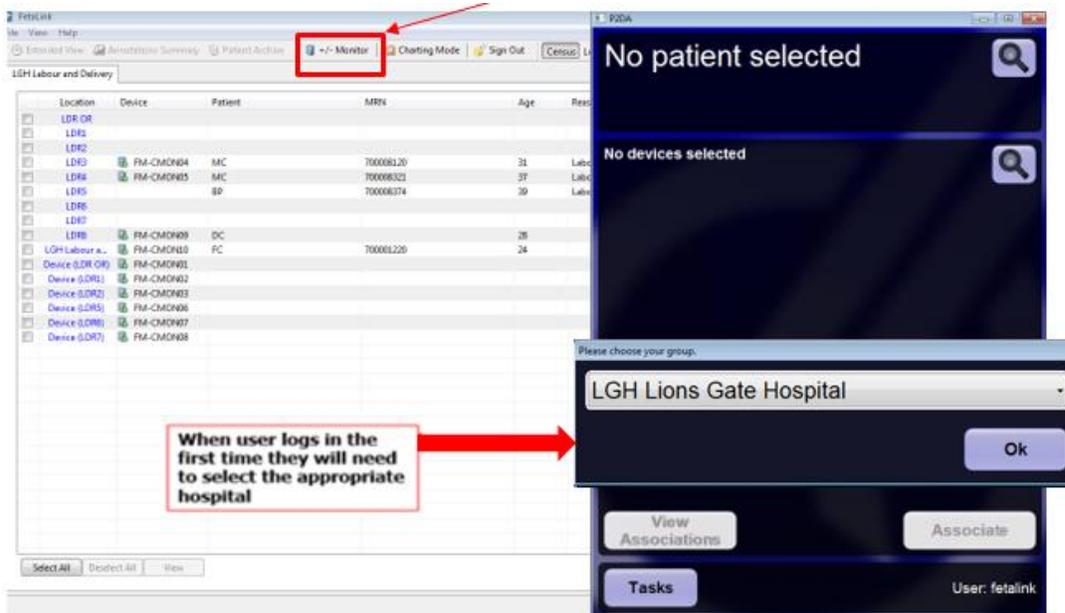
- The Censu View contains the patient location, associated device, patient name, MRN, age, and reason for monitoring.
- There are 4 active columns: Patient location, device, patient name, reason for monitoring. Clicking on these columns performs an action. More details about these actions will be discussed later.
- There are 2 passive columns: MRN and age. These columns only display information and do not perform any action.

## Activity 1.2 – Associate patient to monitor with barcode scanner

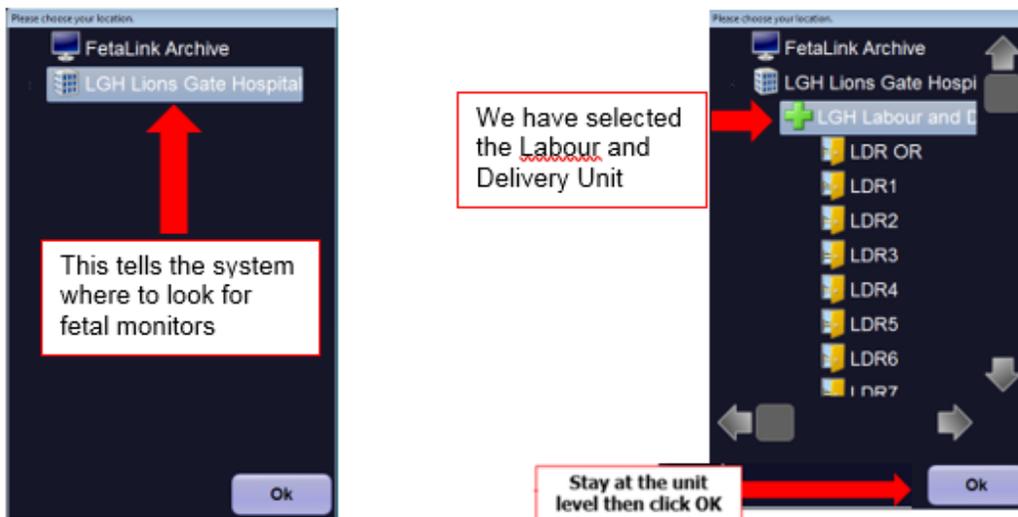
1

Next you need to use the barcode scanner to associate the patient to the fetal monitor.

1. To associate a patient to a monitor, click **+/- Monitor** The P2DA window will open.



2. Once the hospital has been selected you will need to select your location. Click on LGH Lions Gate Hospital.



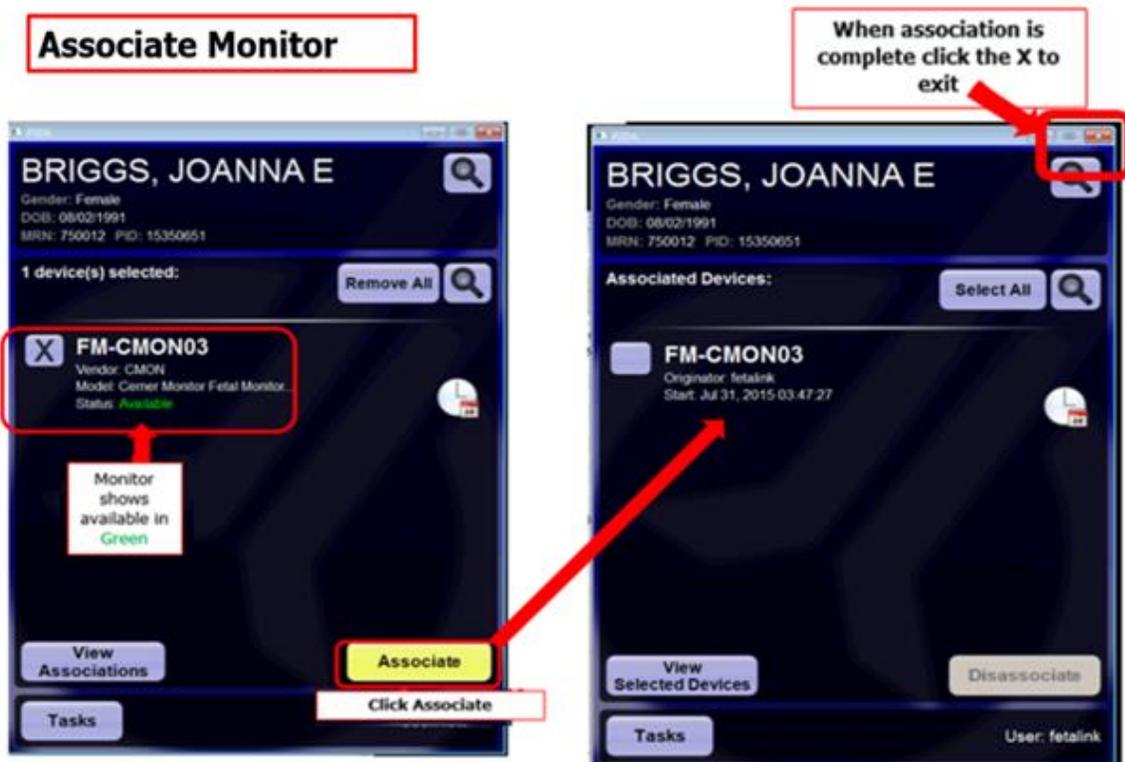
Use the barcode scanner to scan the patient wrist band. This will populate the P2DA window with

the patient name.

3. Use the barcode scanner to scan the fetal monitor barcode. This will populate the P2DA window with the fetal monitor device name.
4. To complete association, select **Associate** button and then close P2DA window.



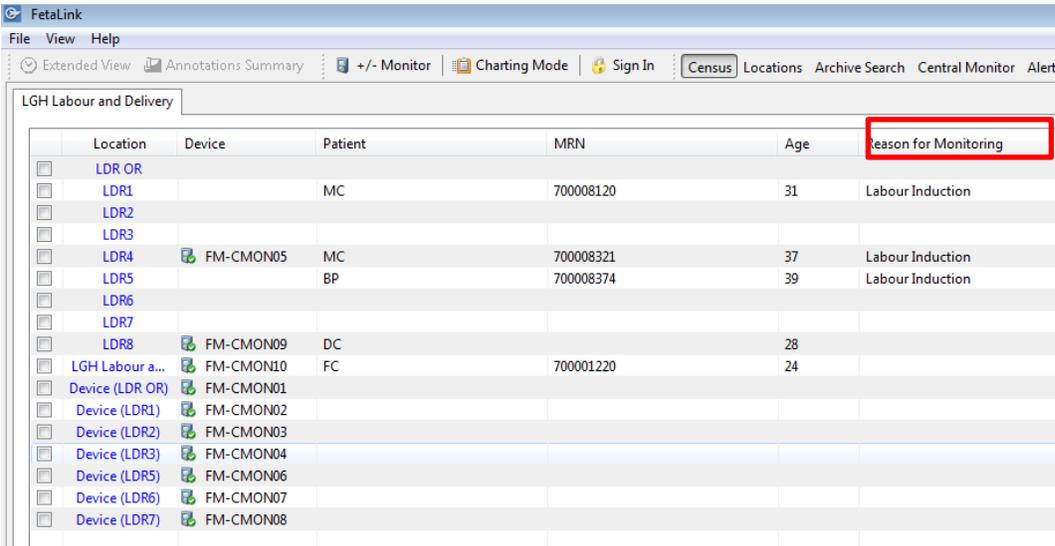
### Associate Monitor



## Activity 1.3 – Create a reason for monitoring

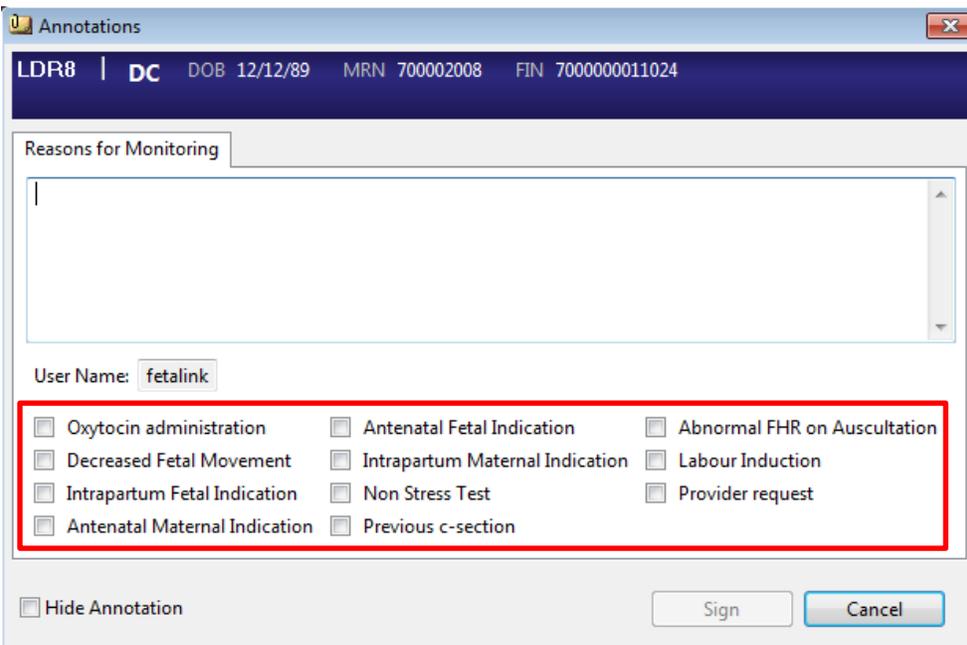
1

1. Click once in **Reason for Monitoring**



Location	Device	Patient	MRN	Age	Reason for Monitoring
LDR OR					
LDR1		MC	700008120	31	Labour Induction
LDR2					
LDR3					
LDR4	FM-CMON05	MC	700008321	37	Labour Induction
LDR5		BP	700008374	39	Labour Induction
LDR6					
LDR7					
LDR8	FM-CMON09	DC		28	
LGH Labour a...	FM-CMON10	FC	700001220	24	
Device (LDR OR)	FM-CMON01				
Device (LDR1)	FM-CMON02				
Device (LDR2)	FM-CMON03				
Device (LDR3)	FM-CMON04				
Device (LDR5)	FM-CMON06				
Device (LDR6)	FM-CMON07				
Device (LDR7)	FM-CMON08				

2. The reason for monitoring window will open. **Free text** a response into the box or select a **quick pick option**. Click **Sign**.



Annotations

LDR8 | DC DOB 12/12/89 MRN 700002008 FIN 7000000011024

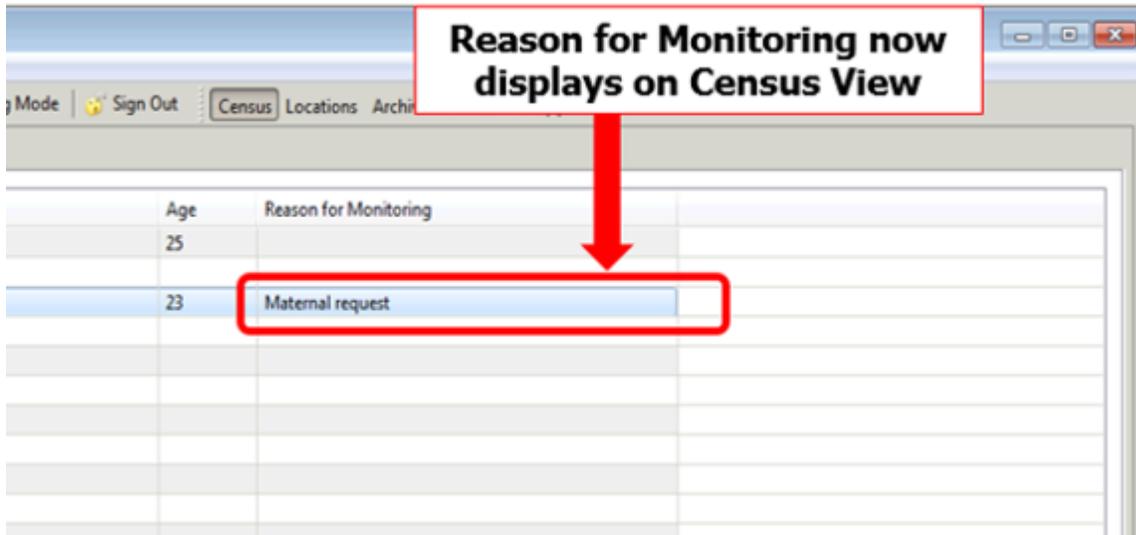
Reasons for Monitoring

User Name: fetalink

Oxytocin administration   
  Antenatal Fetal Indication   
  Abnormal FHR on Auscultation  
 Decreased Fetal Movement   
  Intrapartum Maternal Indication   
  Labour Induction  
 Intrapartum Fetal Indication   
  Non Stress Test   
  Provider request  
 Antenatal Maternal Indication   
  Previous c-section

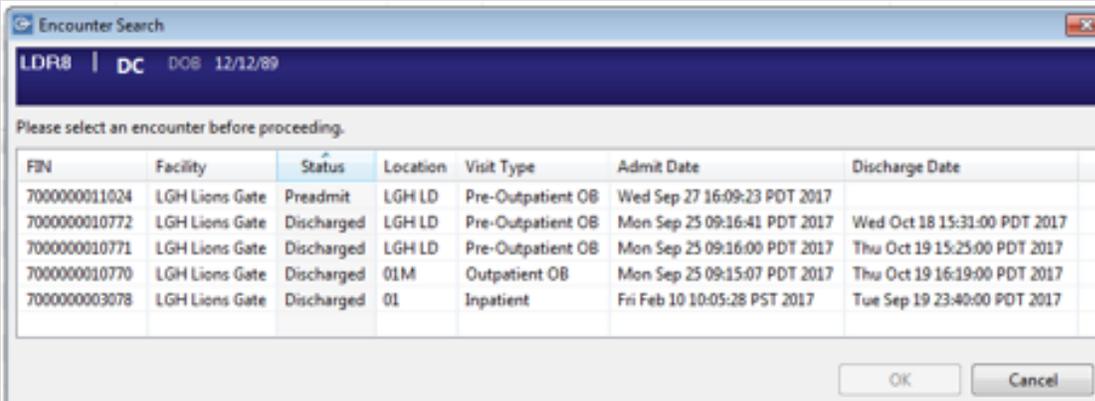
Hide Annotation   
 Sign   
 Cancel

3. Once signed, the reason for monitoring will be visible on the Census.



### Key Learning Point

- Reason for monitoring annotations cannot be edited after initial creation. They can re-entered. The most recent annotation is displayed in the Census but all annotations are viewable in the Annotation Summary.
- To create a reason for monitoring, you must be logged in and on the Census view.
- If the search for the patient was done manually by name or MRN, an encounter window will open and the correct current encounter should be selected before the Reason for Monitoring window will open.

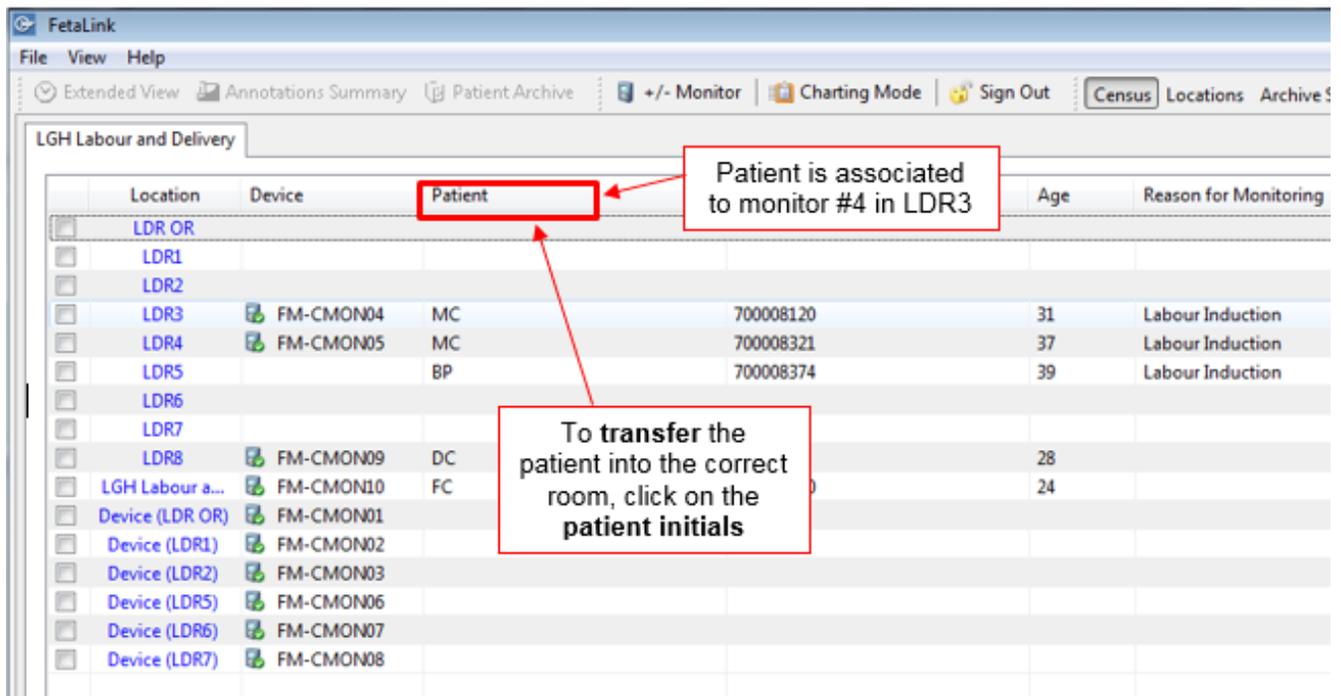


## Activity 1.4 – Transfer Patient in FetaLink

1

You have associated the patient to the monitor and documented a reason for monitoring. The patient is being admitted therefore you will need to transfer the patient to a different bed.

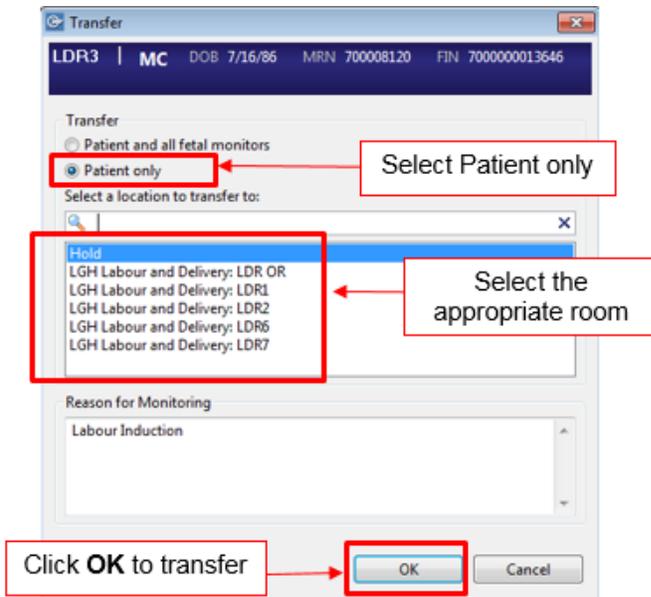
1. Click on the patient initials



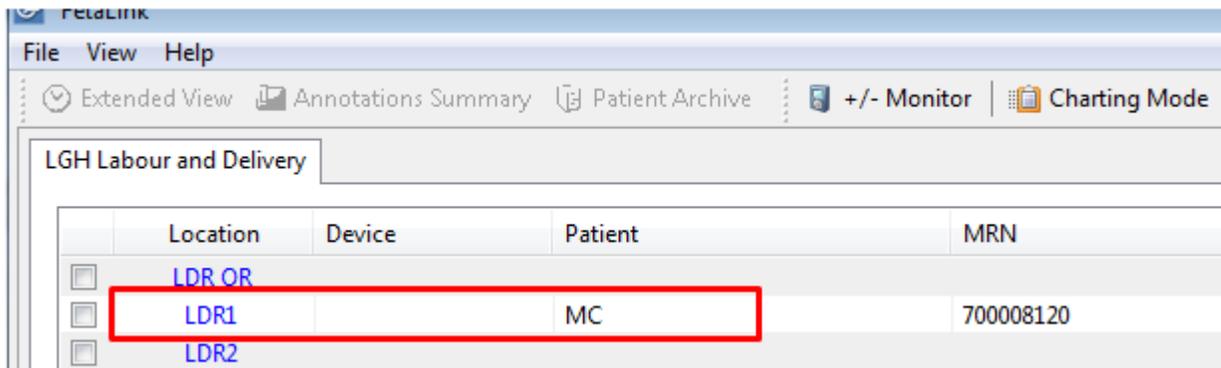
The screenshot shows the FetaLink interface for 'LGH Labour and Delivery'. It features a table with columns for Location, Device, Patient, Age, and Reason for Monitoring. The 'Patient' column contains initials for each row. A red box highlights the 'Patient' column header, and another red box highlights the initials 'MC' in the row for LDR3. A callout box points to the 'Patient' header with the text 'Patient is associated to monitor #4 in LDR3'. Another callout box points to the 'MC' initials with the text 'To transfer the patient into the correct room, click on the patient initials'.

Location	Device	Patient	Age	Reason for Monitoring
LDR OR				
LDR1				
LDR2				
LDR3	FM-CMON04	MC	31	Labour Induction
LDR4	FM-CMON05	MC	37	Labour Induction
LDR5		BP	39	Labour Induction
LDR6				
LDR7				
LDR8	FM-CMON09	DC	28	
LGH Labour a...	FM-CMON10	FC	24	
Device (LDR OR)	FM-CMON01			
Device (LDR1)	FM-CMON02			
Device (LDR2)	FM-CMON03			
Device (LDR5)	FM-CMON06			
Device (LDR6)	FM-CMON07			
Device (LDR7)	FM-CMON08			

2. The Transfer window opens.



2. Patient is now in the new room



### Key Learning Point

- This function only transfers the patient in the FetaLink application. It does not interact with the tracking shell in PowerChart Maternity.
- You will always choose patient only in the Transfer window unless the fetal monitor is being transferred with the patient. By choosing patient only the monitor will be disassociated from the patient. You will need to associate the patient to the monitor in the new room.

## PATIENT SCENARIO 2

Duration	Learning Objectives
	<p>At the end of this Scenario, you will be able to:</p> <ul style="list-style-type: none"> <li> Manually associate patient to a monitor</li> <li> Retroactively associate a patient</li> <li> Understand how to view single tracing and multiple tracings</li> </ul>

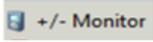
### SCENARIO

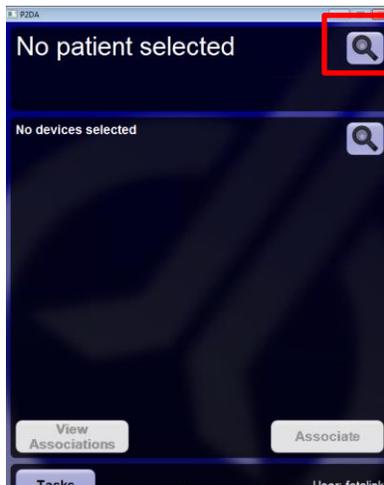
Your patient needs to be associated to a monitor in FetaLink but you do not have a scanner. The patient has been on the monitor for 20 minutes and now you must manually associate the patient in FetaLink.

-  Retroactively associate your patient to 20 minutes ago
-  Complete a manual association of your patient to the monitor
-  View a single tracing and then multiple tracings
-  Hide and unhide different waveforms

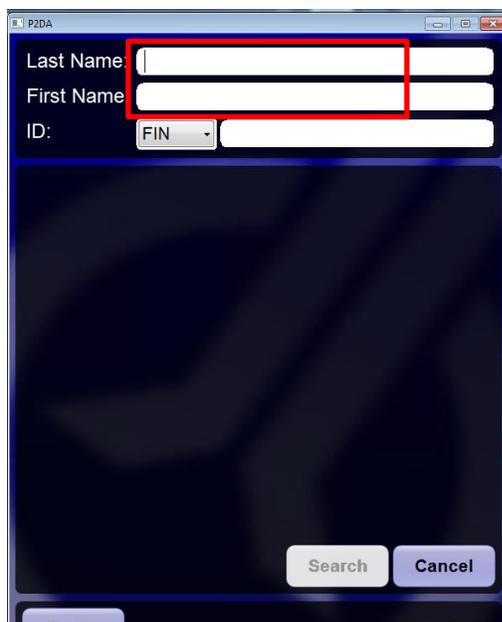
## Activity 2.1 – Manual Association of Patient to Monitor

1

1. Click the  button.
2. Click the search icon to search for the **patient**

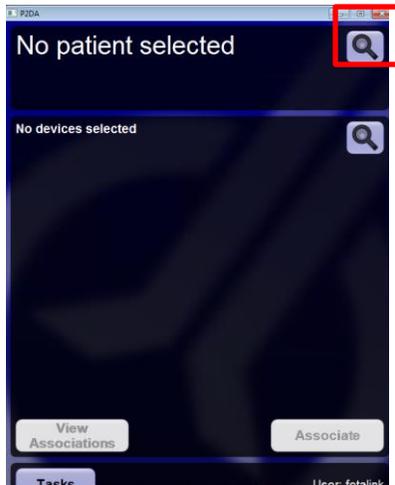


3. You do not have the patient encounter number so you will have to search for the patient by name.

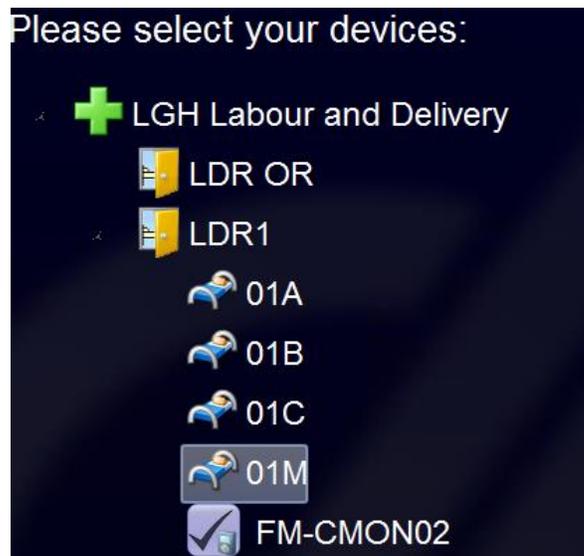
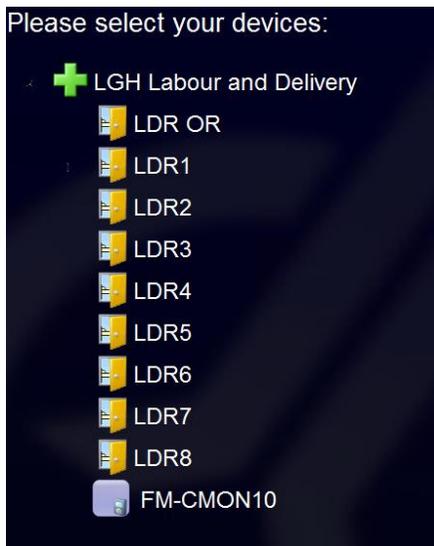


4. Click on the correct **patient name** to move it into the appropriate window

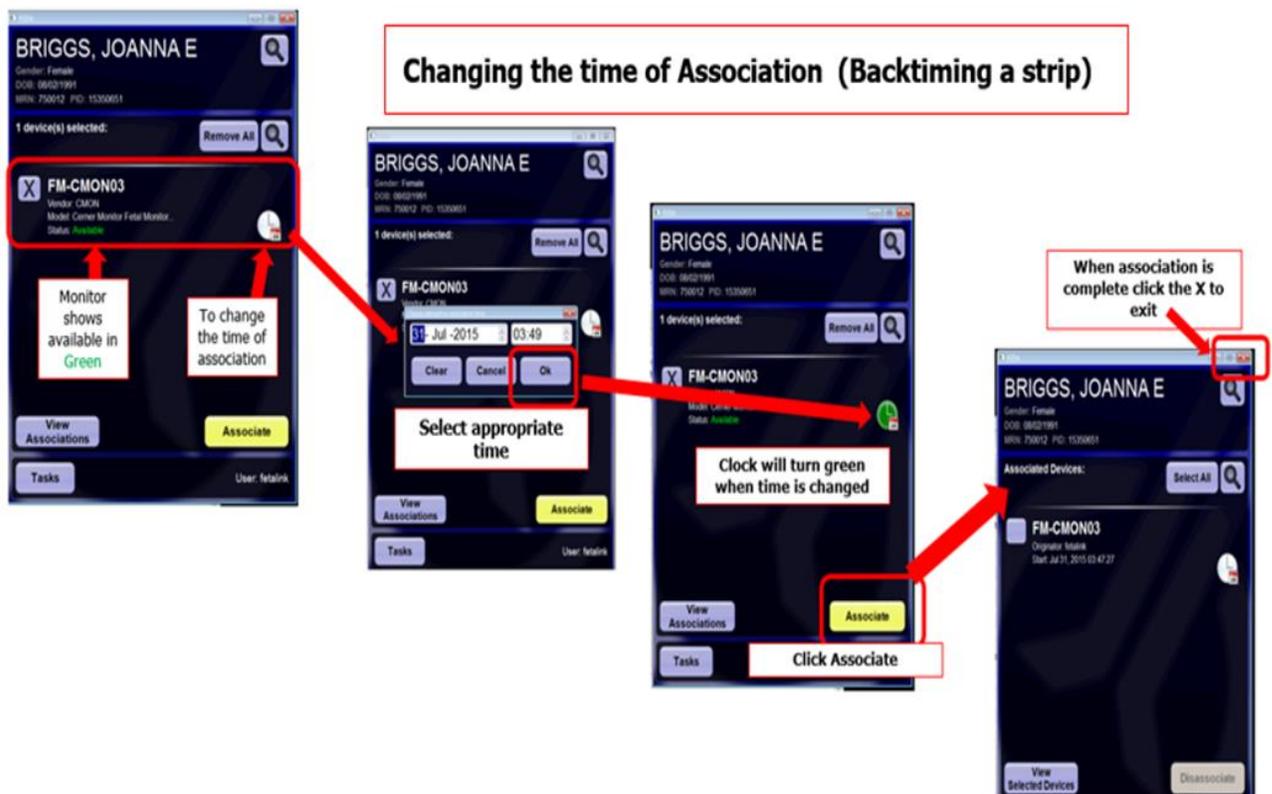
5. Click on the search icon to search for the **fetal monitor**



6. Click **+ LGH Labour and Delivery** to show rooms
7. Click appropriate **room** and click the **fetal monitor** then click OK



8. Your patient has been on the monitor for 20 minutes before you could associate her. You need to retroactively associate the patient to the monitor (back time).



Your patient is now associated to the monitor

### Key Learning Point

- Monitor should always show **Available** in green before associating. If it shows in red, it is already associated and will say **Associated to: (patient name)**.
- The physical monitor must be turned ON to see it display in the P2DA window for selection.
- If user doesn't remember what time the strip started, they can look back on the annotation summary (discussed later) to see the time the tracing started.

## Activity 2.2 – Viewing a single tracing

1 You will learn how to view the tracing and review the location view.

1. From the **Census** view click once on the **room number** to open the fetal tracing for your patient.

	Location	Device	Patient
<input type="checkbox"/>	LDR0		
<input type="checkbox"/>	LDR1		MC
<input checked="" type="checkbox"/>	LDR2	FM-CMON03	SM
<input type="checkbox"/>	LDR3		
<input type="checkbox"/>	LDR4	FM-CMON05	MC
<input type="checkbox"/>	LDR5		BP
<input type="checkbox"/>	LDR6		
<input type="checkbox"/>	LDR7		
<input type="checkbox"/>	LDR8	FM-CMON09	DC

2. Location View:

Expanded patient information: **SM** DOB: 2/2/90 MRN: 700008874 FIN: 7000000016778 Room: LDR2

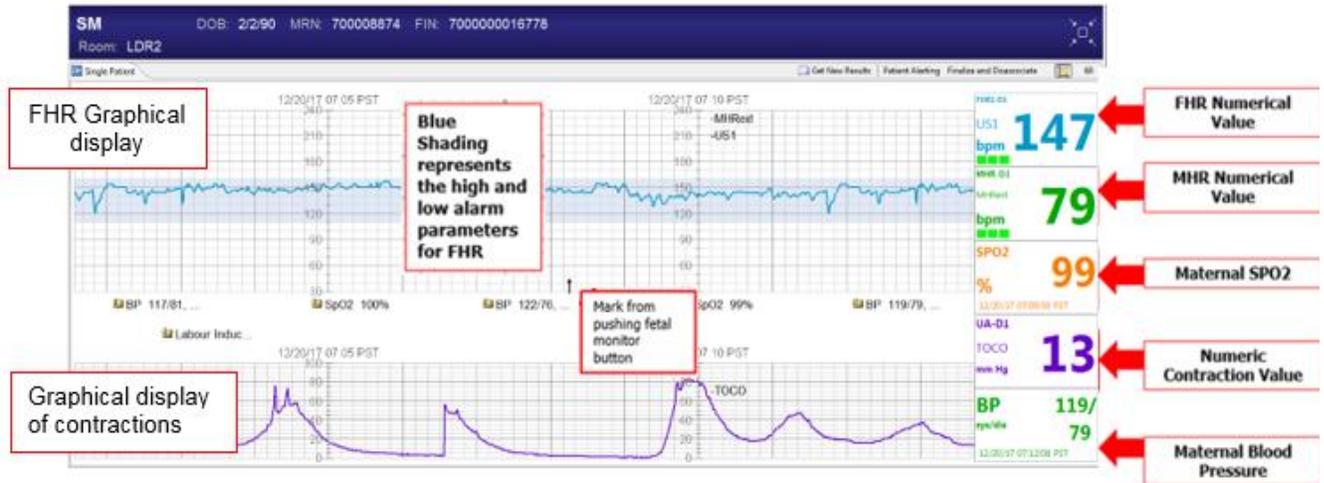
Expand tracing

Single Patient

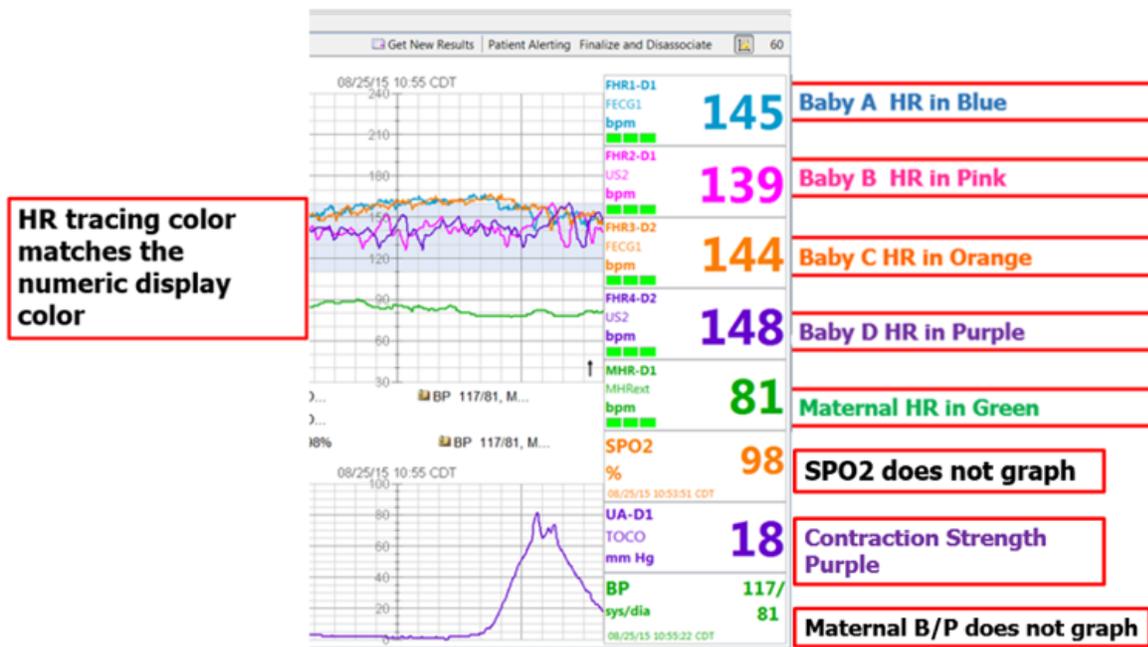
- Get New Results
- Patient Alerting
- Finalize and Dissociate
- 60

Indicates viewing of a single strip

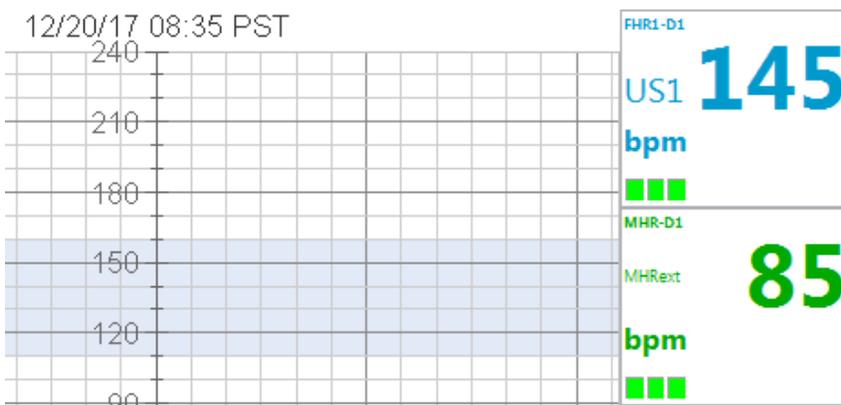
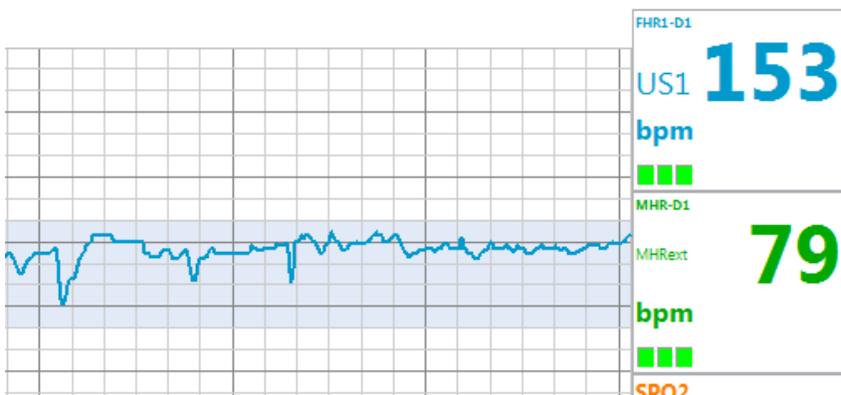
- To pull specific results from PowerChart
- To set Patient specific alert parameters
- Used to complete and Archive a monitoring episode
- To change scale



3. Tracing overview



4. For patients with multiple waveforms (twins +) it may be necessary to hide waveforms to better assess another.
  - a. Click on the box containing the FHR (the FHR tracing disappears)
  - b. Click on the box containing the FHR again (the FHR tracing reappears)



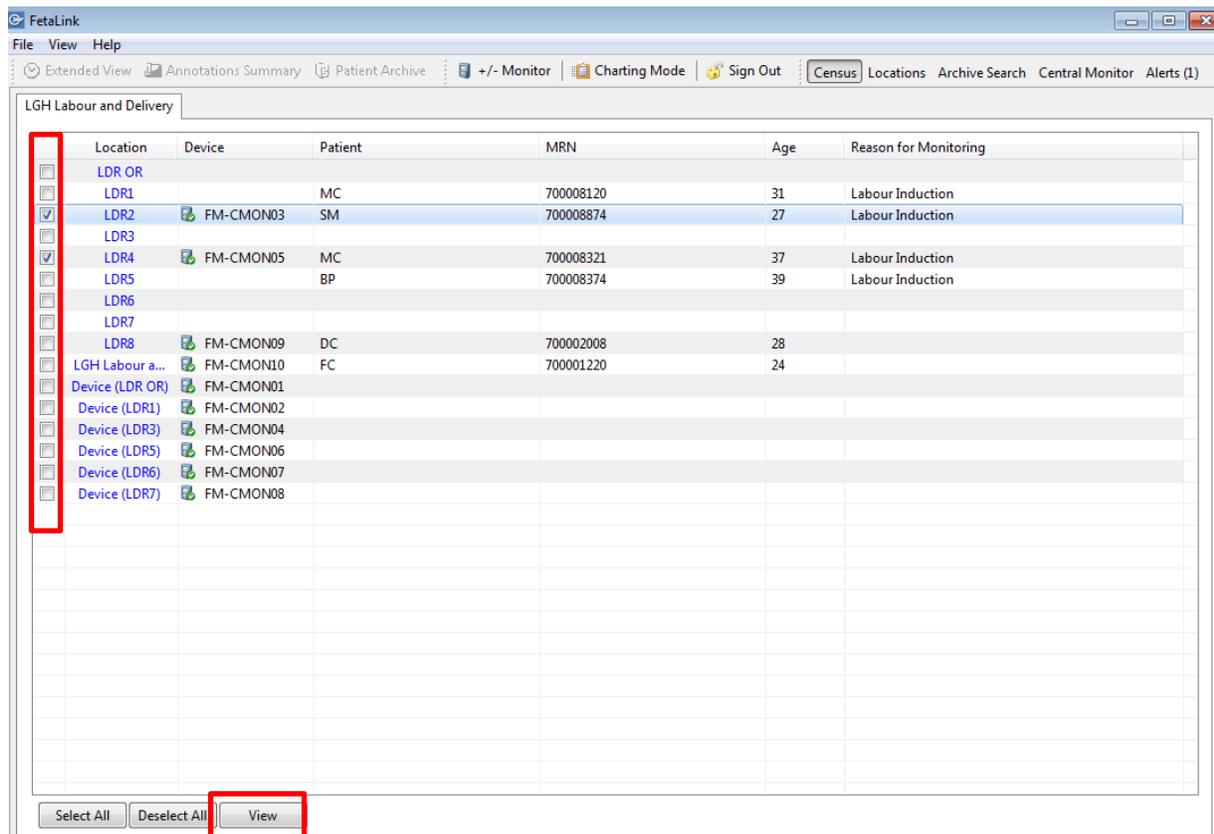
### Key Learning Points

- You can monitor up to 4 babies on one tracings. Triplets or Quads require 2 fetal monitors but they will show on the same tracings.
- All waveforms can be hidden from view. Click on the box of what you want to hide and click again to unhide it. Even if not on view the tracing is being archived and will reappear when you click it back on.

## Activity 2.3 – Viewing multiple tracings

1 You will now practice viewing multiple locations. To do so:

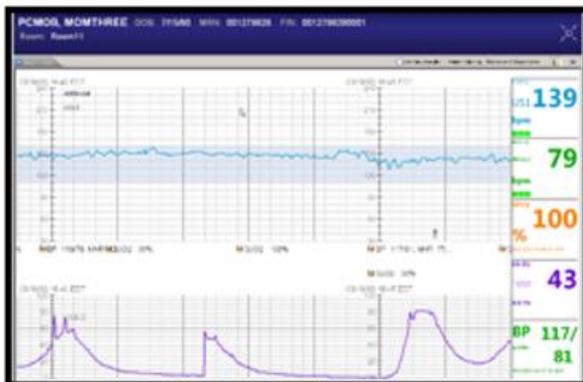
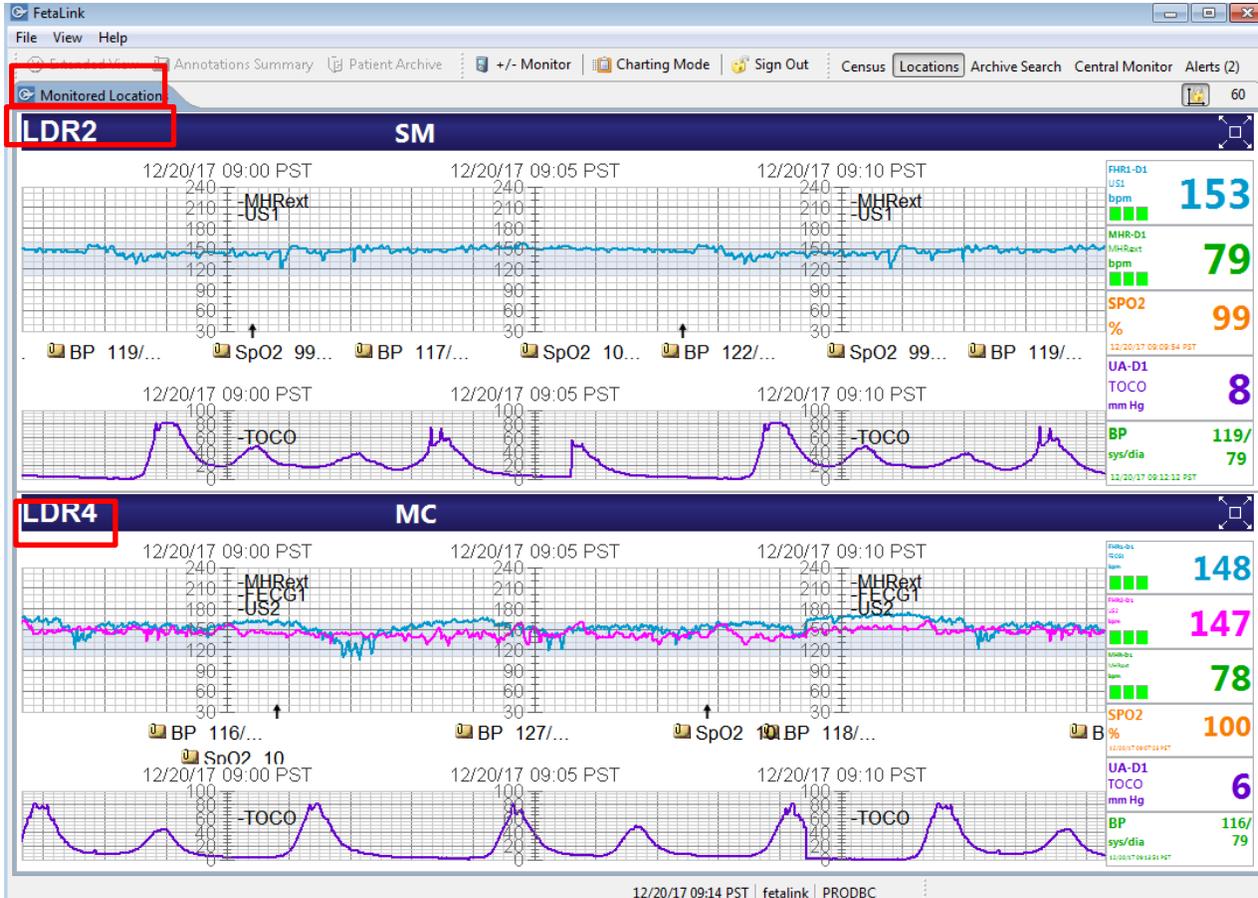
1. Click in the **box** next to the desired monitors then select **View**



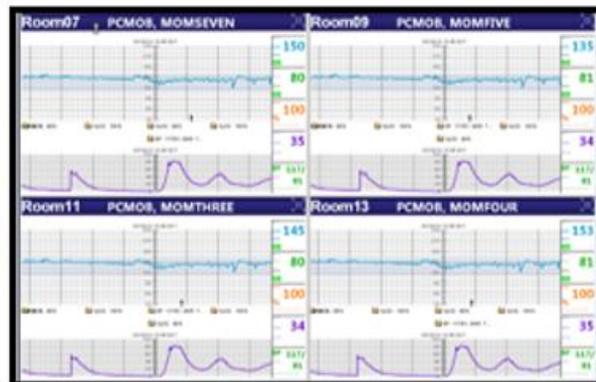
The screenshot shows the FetaLink application window with the 'LGH Labour and Delivery' tab selected. The main area contains a table with the following columns: Location, Device, Patient, MRN, Age, and Reason for Monitoring. The table lists various monitors, with LDR2, LDR3, and LDR4 selected. A red box highlights the checkboxes in the first column of the table. At the bottom of the window, there are three buttons: 'Select All', 'Deselect All', and 'View'. The 'View' button is highlighted with a red box.

Location	Device	Patient	MRN	Age	Reason for Monitoring
<input type="checkbox"/> LDR OR					
<input type="checkbox"/> LDR1		MC	700008120	31	Labour Induction
<input checked="" type="checkbox"/> LDR2	FM-CMON03	SM	700008874	27	Labour Induction
<input type="checkbox"/> LDR3					
<input checked="" type="checkbox"/> LDR4	FM-CMON05	MC	700008321	37	Labour Induction
<input type="checkbox"/> LDR5		BP	700008374	39	Labour Induction
<input type="checkbox"/> LDR6					
<input type="checkbox"/> LDR7					
<input type="checkbox"/> LDR8	FM-CMON09	DC	700002008	28	
<input type="checkbox"/> LGH Labour a...	FM-CMON10	FC	700001220	24	
<input type="checkbox"/> Device (LDR OR)	FM-CMON01				
<input type="checkbox"/> Device (LDR1)	FM-CMON02				
<input type="checkbox"/> Device (LDR3)	FM-CMON04				
<input type="checkbox"/> Device (LDR5)	FM-CMON06				
<input type="checkbox"/> Device (LDR6)	FM-CMON07				
<input type="checkbox"/> Device (LDR7)	FM-CMON08				

2. Tab now shows **Monitored locations** instead of single patient and the device locations display.

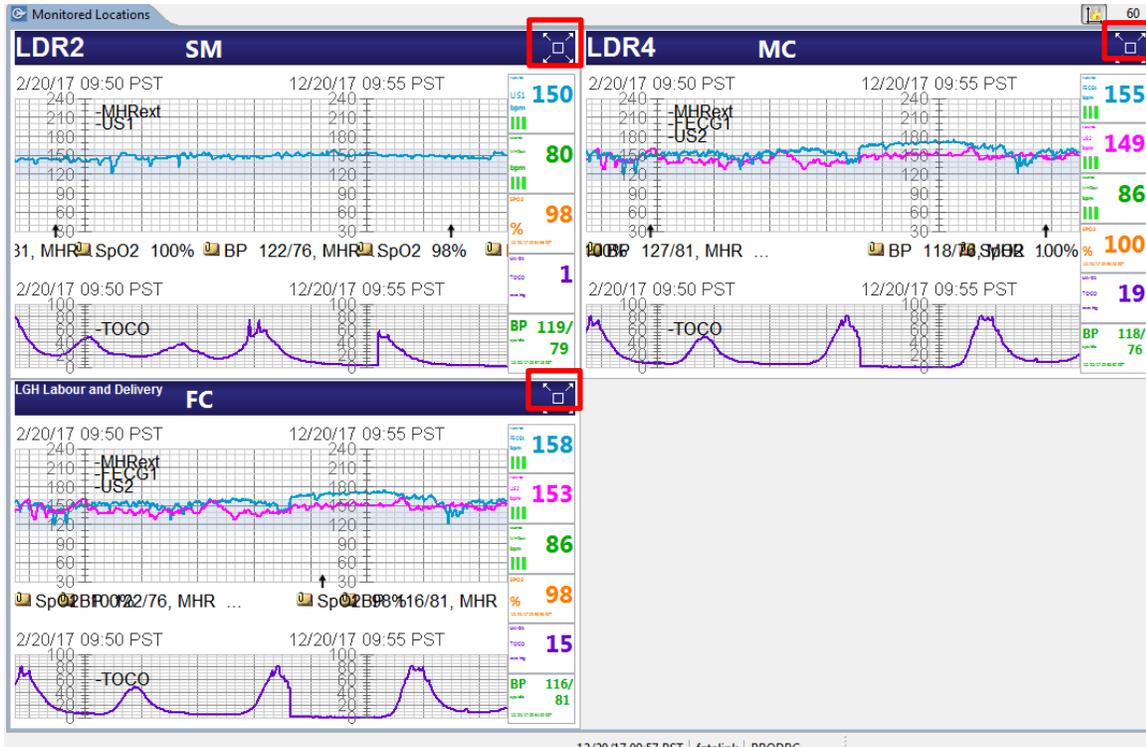


Single View



Multiple Views

3. If you want to view a single tracing more closely while viewing multiple tracings, you will select the expand icon.



4. When ready to return to the monitored locations view you will select the shrink icon



## **■ PATIENT SCENARIO 3 – Annotations, Extended View, and Annotation Summary**

Duration	Learning Objectives
	<p>At the end of this Scenario, you will be able to:</p> <ul style="list-style-type: none"> <li>■ Access annotations summary and extended view</li> <li>■ Create an annotation and understand how to edit it</li> </ul>

### **SCENARIO**

You are providing care and continuing to monitor your patient and want to make some annotations on her tracing. After you've made an annotation you realize you selected the wrong quick pick option and you need to edit it. Later you review the annotation summary and then review her tracing from the last hour.

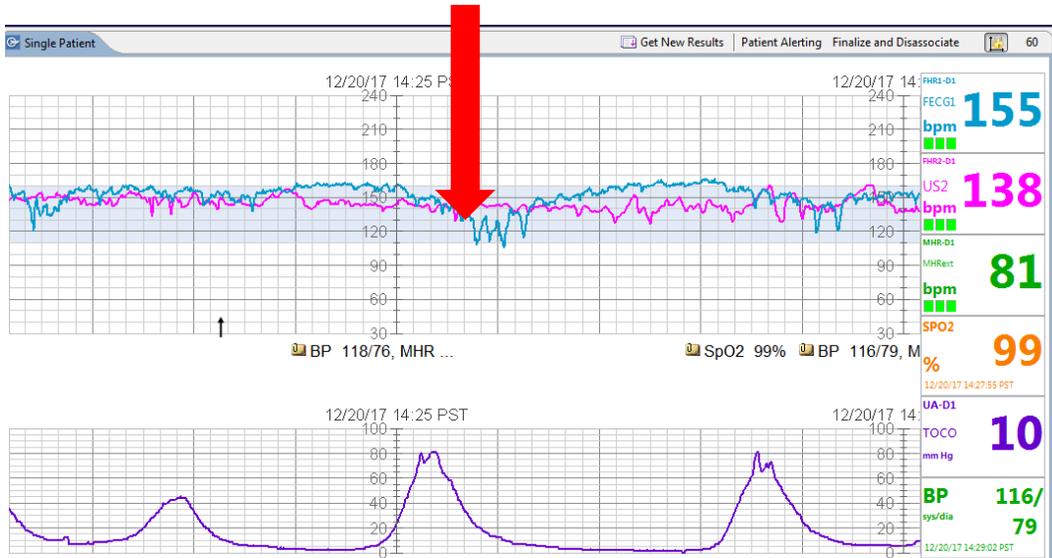
As a labour nurse you will be completing the following activities:

- Annotate on the tracing
- Edit your annotation and view edited annotation in FetaLink and PowerChart
- Utilize extended review to see the entire tracing
- Utilize annotation summary to filter annotations

### Activity 3.1 – Annotations

1

1. From **Census**, click on patient’s room to access the fetal tracing.
2. Double click inside the **FHR graph** to open the annotation window



3. There are quick pick options and the ability to free text comments. Select a **quick pick** option and click **Sign**.

Annotations

LDR4 | MC DOB 12/12/80 MRN 700008321 FIN 7000000015440

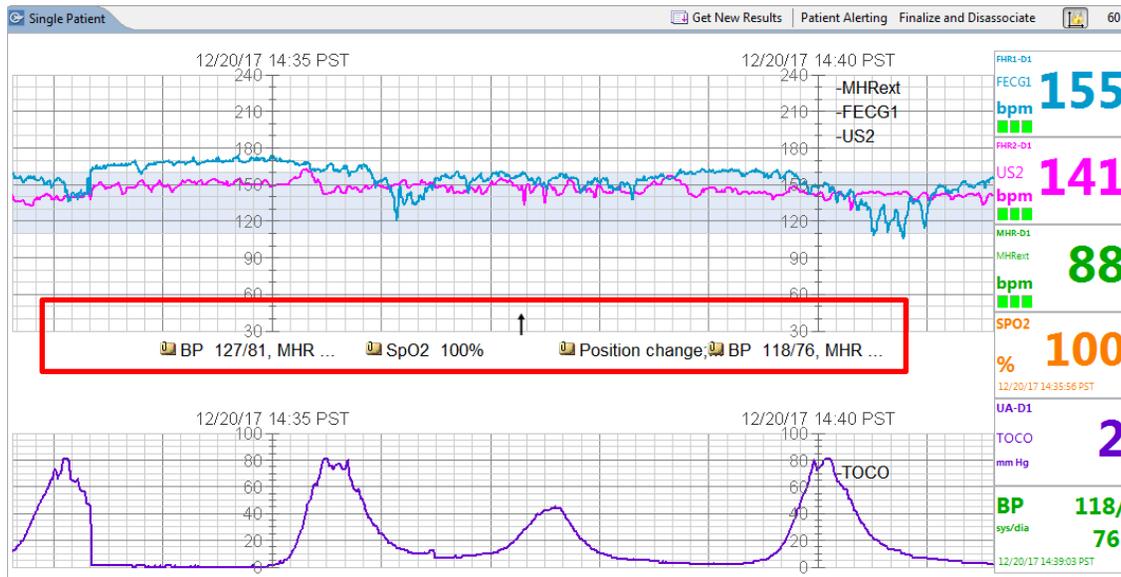
Annotations

User Name: fetalink Annotate: 12/20/17 14:27:10 PST Now

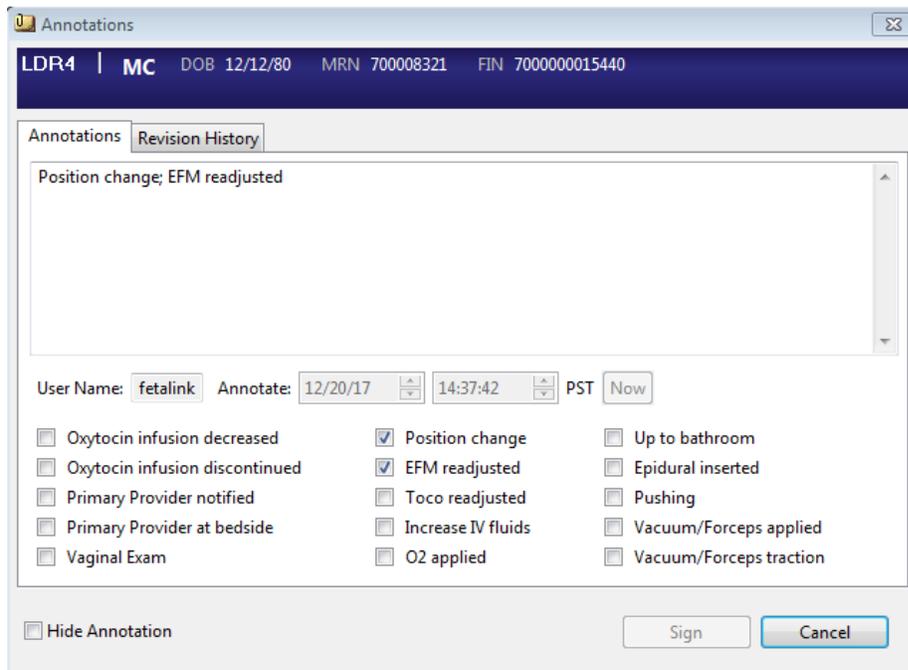
<input type="checkbox"/> Oxytocin infusion decreased	<input type="checkbox"/> Position change	<input type="checkbox"/> Up to bathroom
<input type="checkbox"/> Oxytocin infusion discontinued	<input type="checkbox"/> EFM readjusted	<input type="checkbox"/> Epidural inserted
<input type="checkbox"/> Primary Provider notified	<input type="checkbox"/> Toco readjusted	<input type="checkbox"/> Pushing
<input type="checkbox"/> Primary Provider at bedside	<input type="checkbox"/> Increase IV fluids	<input type="checkbox"/> Vacuum/Forceps applied
<input type="checkbox"/> Vaginal Exam	<input type="checkbox"/> O2 applied	<input type="checkbox"/> Vacuum/Forceps traction

Hide Annotation Sign Cancel

- You can choose to change the time of the annotation by entering the **date/time** or selecting **Now**. You can also choose to hide your annotation by clicking **Hide Annotation**.
- Annotations will post with a file folder to this area.

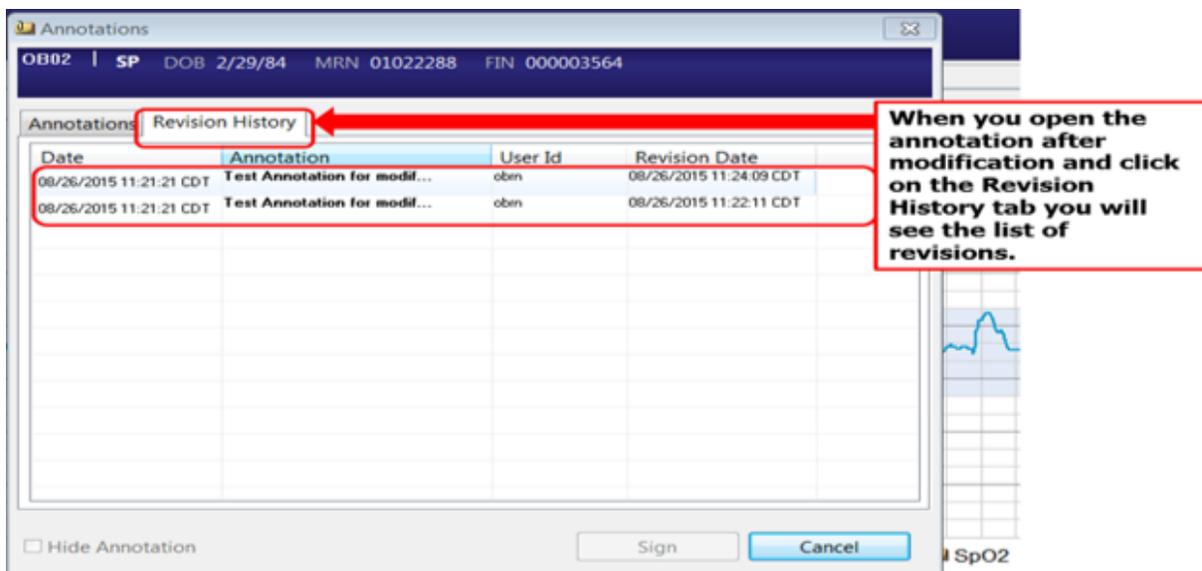


- To edit the annotation double click on it. The annotation window will open with the annotation displayed. Make edits and click **Sign**.



7. To see revised annotations in FetaLink:

- a. Select annotation that you edited by double clicking on it.
- b. Select revision history tab in annotation window. This will display the previous annotation, user, and date/time.



8. To view the revised annotation in PowerChart:
  - a. Log in to **PowerChart**
  - b. Search for Patient using patient search window
  - c. Select **Interactive View & I/O** from the menu
  - d. Open **Labour and Delivery Band**
  - e. Select **Fetal Monitoring Annotations** section

Result	Comments	Flag	Date	Performed By
			8/26/2015	
			11:25 AM CDT 11:21 AM CDT 11:20 AM CDT	
<b>Fetal Monitoring Annotations</b>				
Fetal Monitoring Annotations				Test Ann...
<b>Cervical Exam</b>				
Cervix Dilatation		CTI		
Cervix Effacement		%		
Fetal Station				
Fetal Station Calculation				
Cervical Consistency				

A number will display next to the annotation to indicate more than one annotation was made during this time frame

Right click on the appropriate cell

Select View Result Details

Window will open indicating a result was marked in error. Select Yes

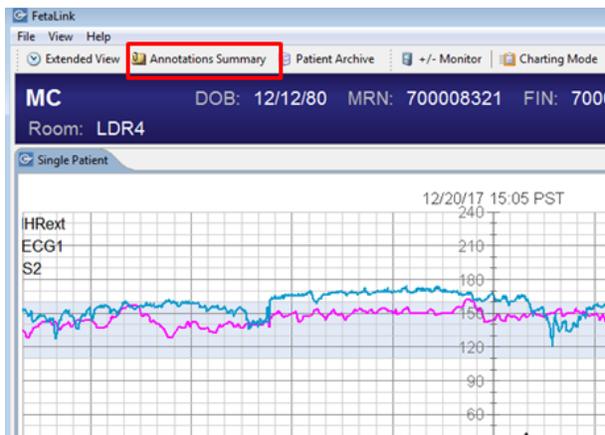
Result Details window opens displaying results and an action tab. Select Next to see the next result

Action List will display which User performed the documentation

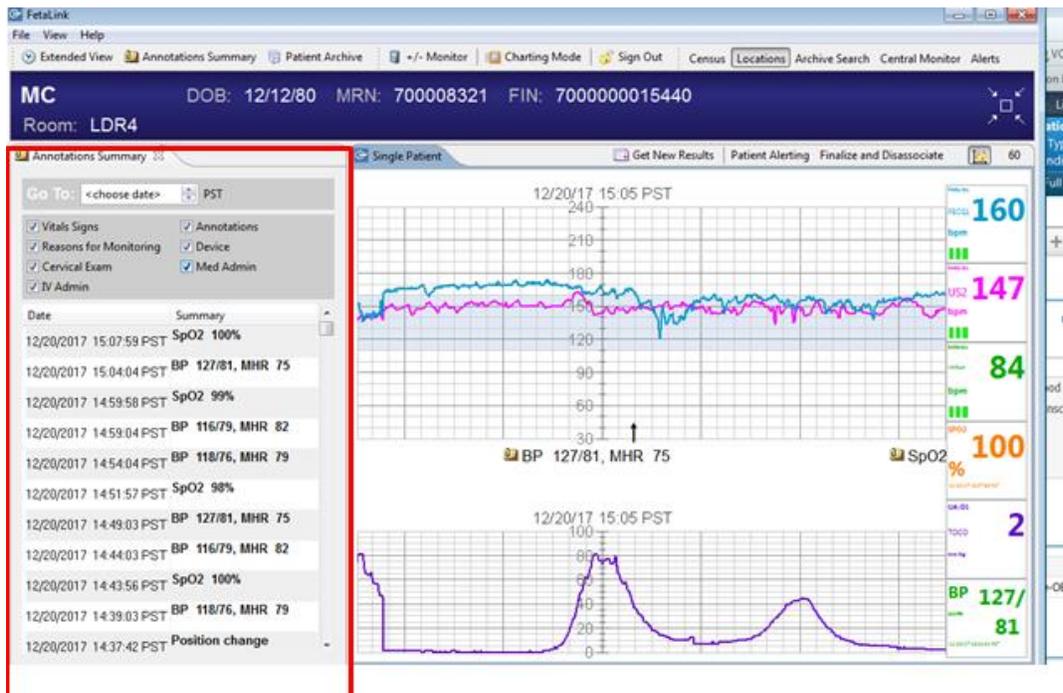
## Activity 3.2 – Annotations Summary and Extended View

1 Upon accessing **Annotations Summary**, you will see the **Annotations Summary** window open. This will provide a list of all annotations for that patient starting from most recent.

1. From the Census View open your patient's fetal tracing. On the toolbar select **Annotation Summary**

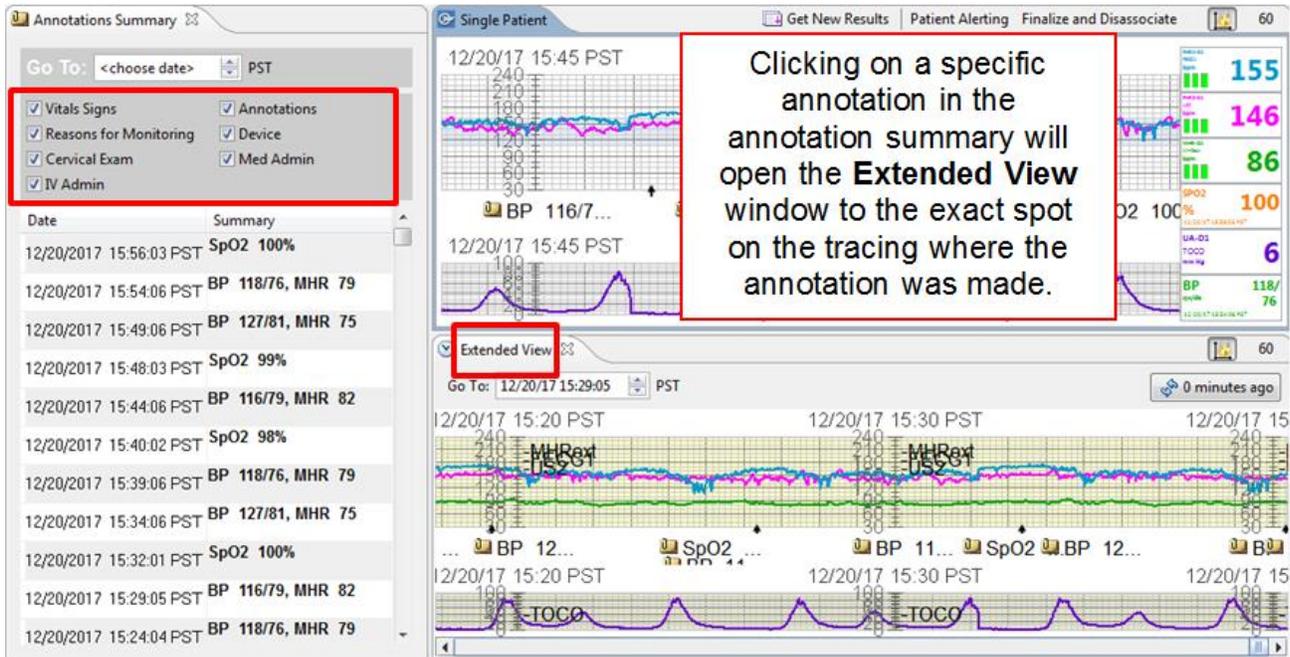


2. The **Annotations Summary** window will open.



3. Annotation types are defaulted to display all but can be filtered by unchecking the different

boxes. To only see **Vitals Signs**, uncheck all other boxes.



Annotations Summary

Go To: <choose date> PST

- Vitals Signs
- Annotations
- Reasons for Monitoring
- Device
- Cervical Exam
- Med Admin
- IV Admin

Date	Summary
12/20/2017 15:56:03 PST	SpO2 100%
12/20/2017 15:54:06 PST	BP 118/76, MHR 79
12/20/2017 15:49:06 PST	BP 127/81, MHR 75
12/20/2017 15:48:03 PST	SpO2 99%
12/20/2017 15:44:06 PST	BP 116/79, MHR 82
12/20/2017 15:40:02 PST	SpO2 98%
12/20/2017 15:39:06 PST	BP 118/76, MHR 79
12/20/2017 15:34:06 PST	BP 127/81, MHR 75
12/20/2017 15:32:01 PST	SpO2 100%
12/20/2017 15:29:05 PST	BP 116/79, MHR 82
12/20/2017 15:24:04 PST	BP 118/76, MHR 79

Single Patient

12/20/17 15:45 PST

BP 116/7...

12/20/17 15:45 PST

Extended View

Go To: 12/20/17 15:29:05 PST

0 minutes ago

12/20/17 15:20 PST 12/20/17 15:30 PST 12/20/17 15:40 PST

MHRext US2

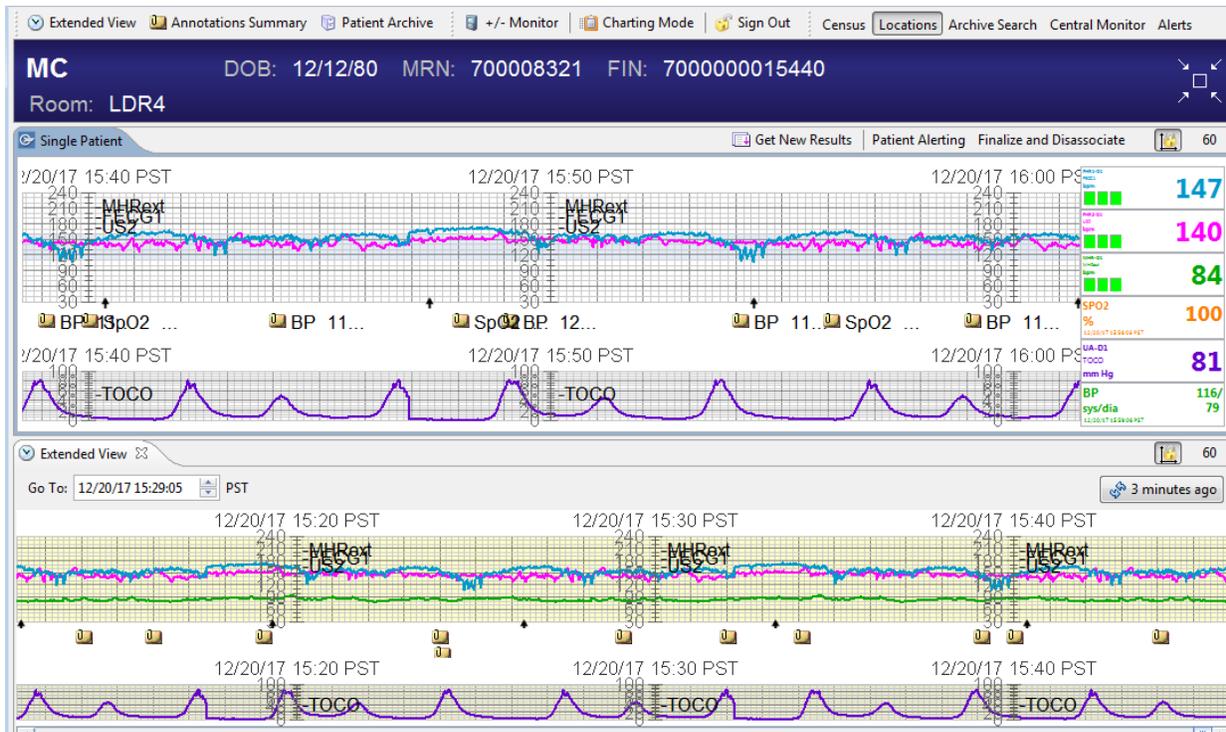
BP 12... SpO2 ... BP 11... SpO2 BP 12...

12/20/17 15:20 PST 12/20/17 15:30 PST 12/20/17 15:40 PST

TOCO

155  
146  
86  
100  
6  
118/76

4. Click the **X** to close **Annotations Summary**. **Extended View** will remain open.



Extended View Annotations Summary Patient Archive +/- Monitor Charting Mode Sign Out Census Locations Archive Search Central Monitor Alerts

MC DOB: 12/12/80 MRN: 700008321 FIN: 700000015440

Room: LDR4

Single Patient

Get New Results Patient Alerting Finalize and Disassociate 60

12/20/17 15:40 PST 12/20/17 15:50 PST 12/20/17 16:00 PST

MHRext US2

BP SpO2 ... BP 11... SpO2 BP 12... BP 11... SpO2 ... BP 11...

147  
140  
84  
100  
81  
116/79

Extended View

Go To: 12/20/17 15:29:05 PST 3 minutes ago

12/20/17 15:20 PST 12/20/17 15:30 PST 12/20/17 15:40 PST

MHRext US2

12/20/17 15:20 PST 12/20/17 15:30 PST 12/20/17 15:40 PST

TOCO

5. Extended view opens the entire tracings and scrolling is available to move through the

tracing. Extended view is highlighted in yellow to identify this as extended view and not the active tracings.

### Key Learning Points

- Extended view opens at the bottom of the screen and is highlighted in light yellow.
- Annotations can be made on the extended view tracing as long as the episode is not finalized.

## PATIENT SCENARIO 4 – Documentation Integration

Duration	Learning Objectives
	<p>At the end of this Scenario, you will be able to:</p> <ul style="list-style-type: none"><li data-bbox="589 474 1336 506">■ Understand how FetaLink integrates with PowerChart</li></ul>

### SCENARIO

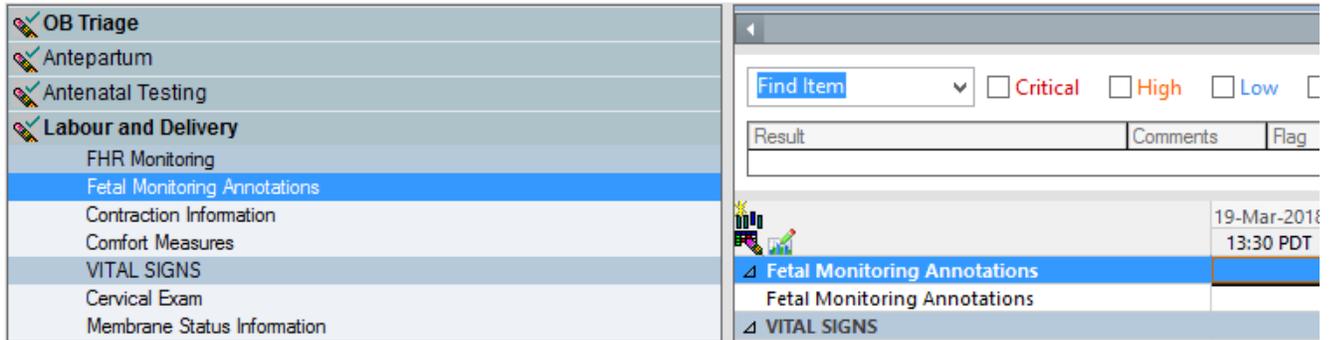
You will review how FetaLink integrates with PowerChart by reviewing the section below which highlights the pieces of documentation within PowerChart that will reflect within the patient's fetal tracing.

## Activity 4.1 – Documentation Integration

- 1 Some documentation done within PowerChart will flow to FetaLink and appear as annotations on the tracing.

To do this:

1. From Interactive View & I/O select the **Labour and Delivery Band**.
2. Select the **Cervical Exam** section.
3. Document an exam and **sign** your documentation.
4. Return to your patient's fetal tracing within FetaLink.



Find Item	<input type="checkbox"/> Critical	<input type="checkbox"/> High	<input type="checkbox"/> Low	<input type="checkbox"/>
Result	Comments	Flag		
		19-Mar-2018		
13:30 PDT				
▾ Fetal Monitoring Annotations				
Fetal Monitoring Annotations				
▾ VITAL SIGNS				

5. Other documentation that crosses from PowerChart to FetaLink includes:
  - a. Medication administration: any medications given via the MAR or MAW
  - b. IV Administration: any IV fluids

### Key Learning Points

- Using PM Conversation allows you to manage alerts, patient location, encounter information and demographics
- Updating Process Alerts in PM Conversation allow clinicians to see specific concerns related to the patient in the Banner Bar

## PATIENT SCENARIO 5

Duration	Learning Objectives
	<p>At the end of this Scenario, you will be able to:</p> <ul style="list-style-type: none"> <li> Identify different alerts with FetaLink</li> <li> Set Patient level alerting</li> <li> Understand how to address alerts</li> <li> Understand the Alerts View</li> <li> Understand archive search vs patient archive</li> </ul>

### SCENARIO

As a labour nurse, you will need to be able to identify, understand, and set alerts for your patient. You also need to review previous episodes

As a labour nurse you will complete the following activities:

-  Review Alert Icons
-  Place Patient Level Alerting
-  Review how to address alerts
-  Access patient archive and archive search

## Activity 5.1 – Alerts Overview

- 1 Alert parameters define the range of patient data, outside of which an alert will be triggered. When the alert fires, it results in the patient chart border changing to red, the alerting vital sign container background changing to yellow, and induces an auditory bell sounding the alert.

Screenshot

1. There are three Alert icons:



- a. - Will **silence** the alarm for 30 seconds without acknowledging



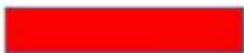
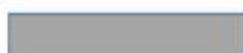
- b. - Will **acknowledge** the alert without making an annotation



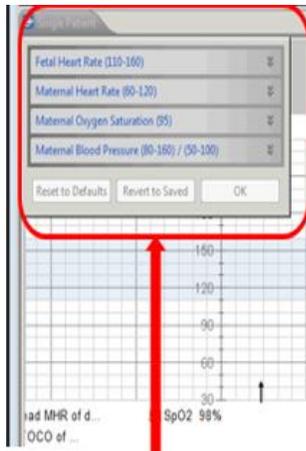
- c. - Will **acknowledge** the alert and **require user to make annotation**

2. There are four different types of Alerts:

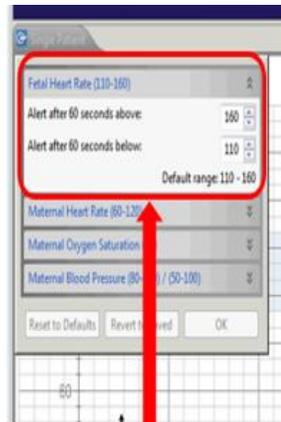
In the event of multiple types of alerts occurring at the same time, the border color precedence is as follows:

1. Alert (Red)  
2. Time Out of Sync (Orange)  
3. Device Disconnected (Yellow)  
4. Low Signal Quality (Gray)  

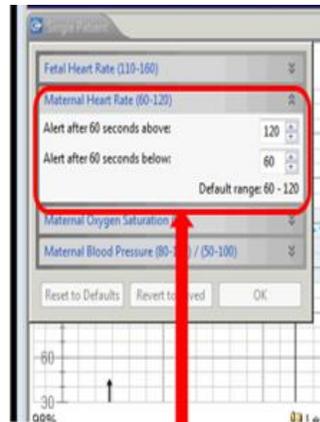
3. Patient Alerting contains 4 categories that can be set:
  - a. Fetal Heart Rate
  - b. Maternal Heart Rate
  - c. Maternal Oxygen Saturation
  - d. Maternal Blood Pressure



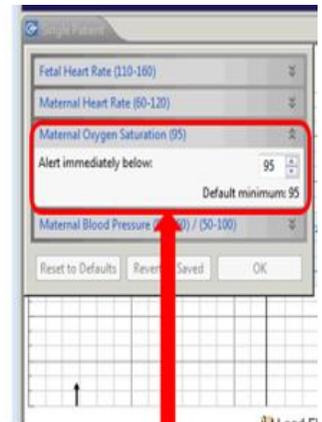
**Patient Level Alerting Window**



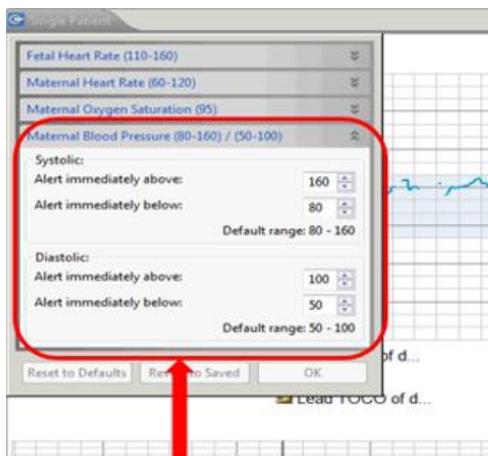
**Fetal Heart Rate Parameters**



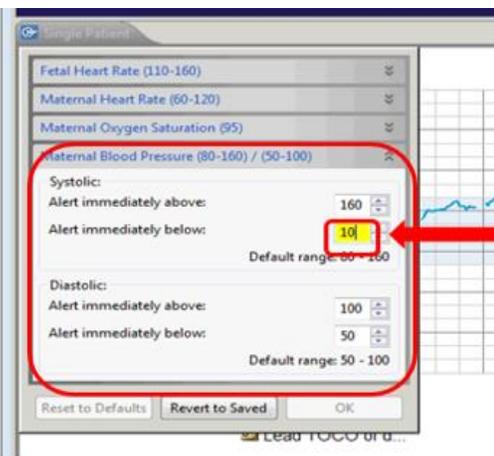
**Maternal Heart Rate Parameters**



**Maternal O2 Saturation Parameters**

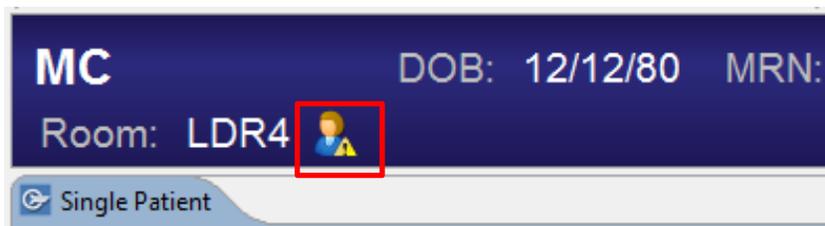


**Maternal Blood Pressure Parameters**

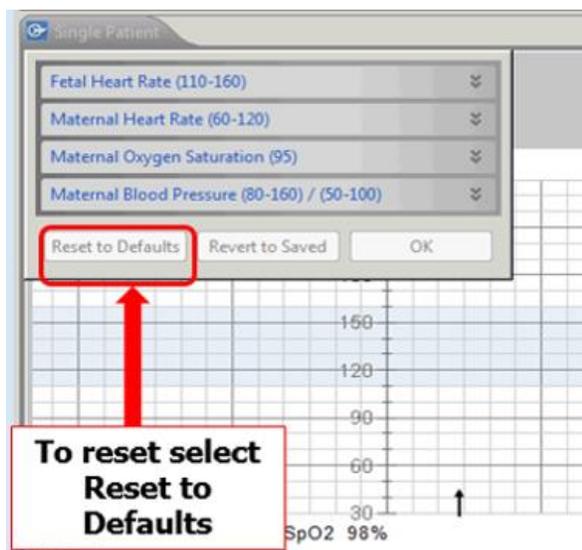


**If setting parameters on ANY level is outside a clinically acceptable range the cell will turn yellow and not allow the change**

4. Your patient's tracing has been alarming due to the FHR baseline being 160. You speak with the charge nurse and will proceed with setting Patient Alerting for your patient.
  - a. Select Patient Alerting
  - b. Click to expand Fetal Heart Rate section
  - c. Change "Alert after 60 seconds above" to **170** and click **OK**
  - d. **Patient Alerts** icon will display next to the Room number



- e. To reset to default, click on Patient Alerting. Select **Reset to Defaults**.



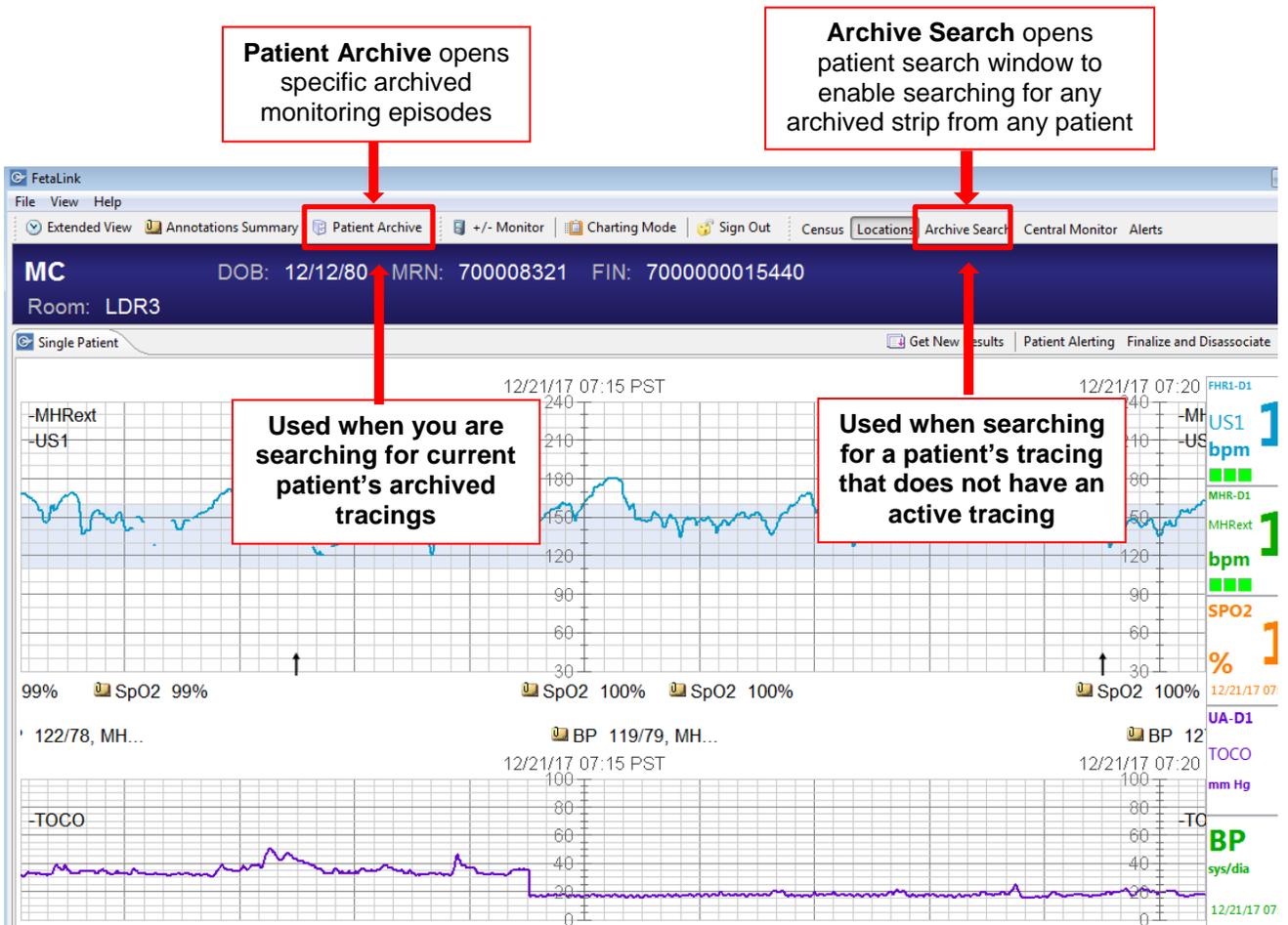
### Key Learning Points

- Patient level alerts are patient and monitor specific and will auto reset to defaults when the monitor has been disassociated from the patient.
- The icon will show on the single patient view but does not show on the central monitor view.

## Activity 5.2 – Archive Functionality

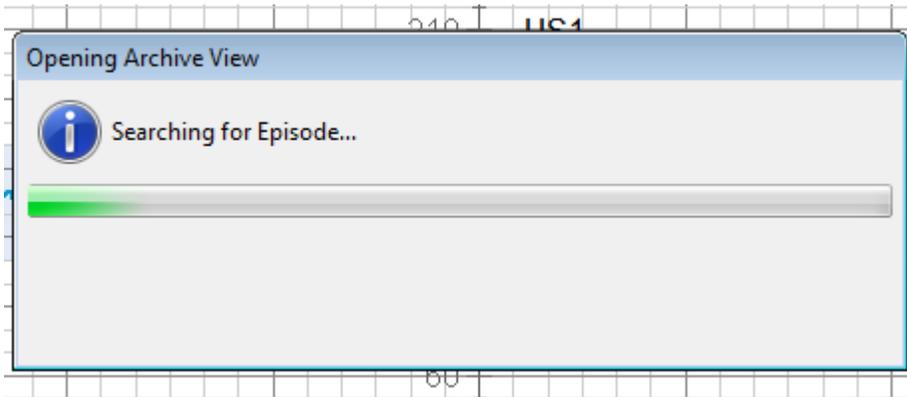
- 1 If a patient has a previous monitoring session (previous admission to the hospital or previous episode from earlier in the day), these sessions will be available to the clinician in an archived view.

There are two ways to access an archive view:

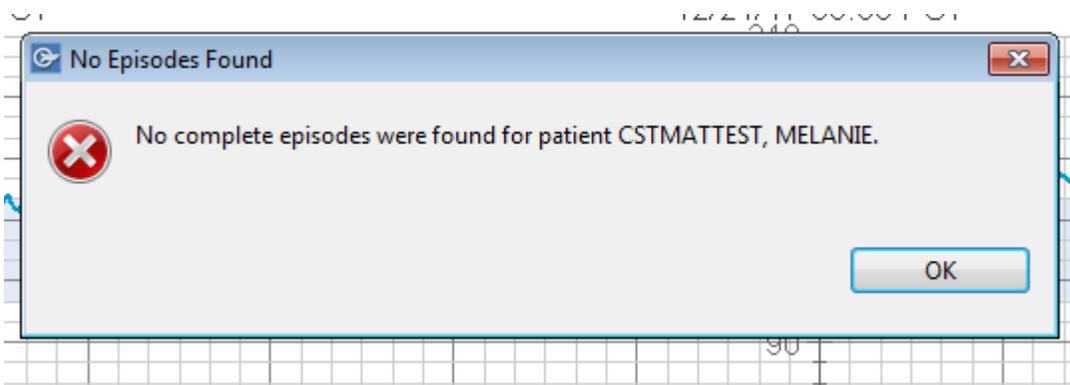


First we will look at Patient Archive

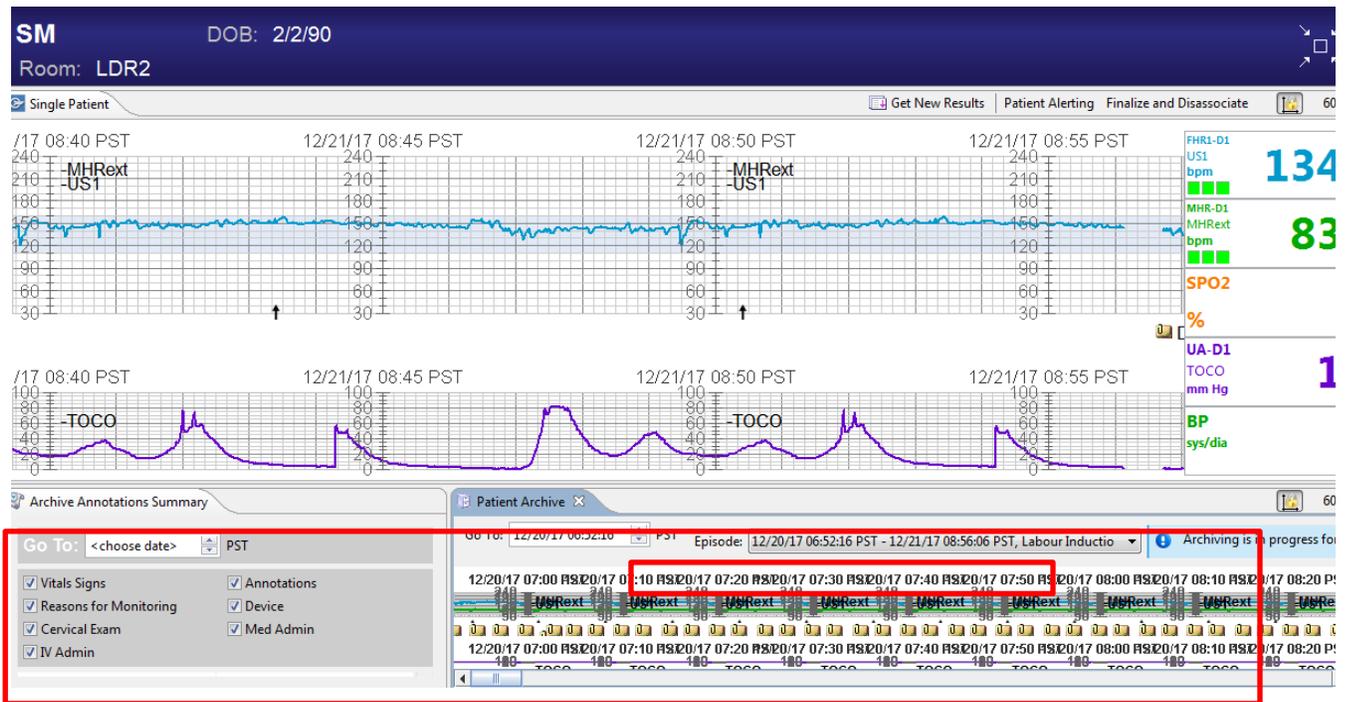
1. Click **Patient Archive**
2. Window will appear as system searches for episode



3. This is the patient's first monitoring episode therefore you will get a popup stating no episodes were found. Click OK.

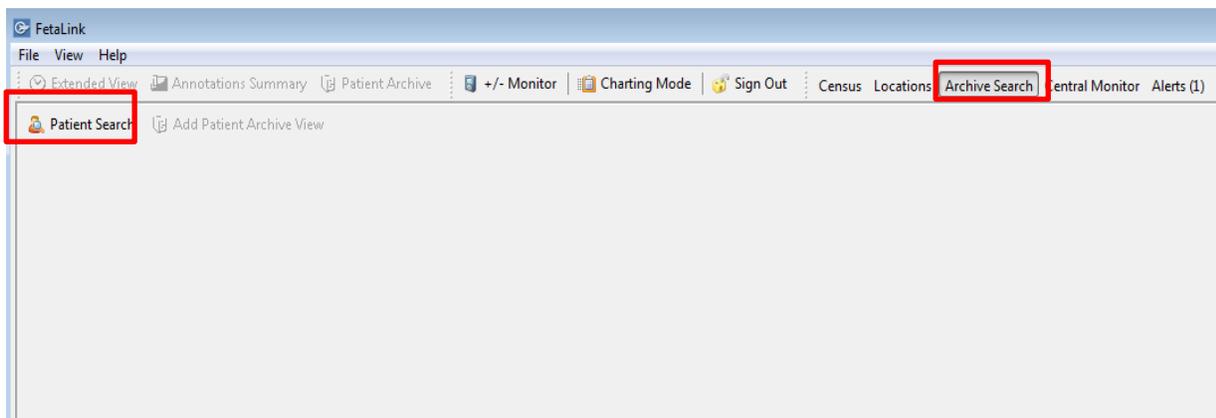


4. If your patient did have previously archived episodes you would see the patient archive open at the bottom below the active tracing. To select which episode to view choose from the drop down.



Now we will review Archive Search

1. Click Archive Search and select **Patient Search**



2. Patient search window opens. Enter patient name and click **Search**. Select correct patient and click **Select**.

Search for a Patient

Name: matteest, sammy

Name	MRN	Date of Birth	Gender	Age
MATTEST, SAMMY	700008874	02/02/1990 00:00	Female	27 Years
MATTEST, SAMMY	700009000	06/01/1980 00:00	Female	37 Years

Buttons: Search, Clear, Select, Cancel

3. Opening Archive View window opens. If no previous archived episodes available you will see no episodes found popup.

No Episodes Found

No complete episodes were found for patient CSTMATTEST, MELANIE.

OK

4. If archived episodes exist then Patient archive will open. When done select 



The screenshot displays the 'Patient Archive' window for patient SM (DOB: 2/2/90). The interface is divided into two main sections:

- Archive Annotations Summary:** A table listing various annotations with checkboxes for 'Vitals Signs', 'Reasons for Monitoring', 'Cervical Exam', 'IV Admin', 'Annotations', 'Device', and 'Med Admin'. The table includes columns for 'Date' and 'Summary'.
 

Date	Summary
12/21/2017 08:56:06 PST	Device FM-CMON03 has been
12/21/2017 08:55:44 PST	SpO2 98%
12/21/2017 08:53:06 PST	BP 122/76, MHR 79
12/21/2017 08:50:43 PST	SpO2 100%
12/21/2017 08:48:06 PST	BP 117/81, MHR 75
12/21/2017 08:45:43 PST	SpO2 100%
12/21/2017 08:43:05 PST	BP 119/79, MHR 89
12/21/2017 08:40:43 PST	SpO2 99%
12/21/2017 08:38:05 PST	BP 122/76, MHR 79
12/21/2017 08:35:43 PST	SpO2 100%
- Patient Archive:** Shows a selected episode from 12/20/17 06:52:16 PST to 12/21/17 08:56:06 PST. It contains two waveform graphs:
  - Top Graph:** Displays multiple vital signs over time, including SpO2 (green line), BP (blue line), and MHR (purple line). Annotations for 'SpO2 98%', 'BP 119/79, MHR ...', and 'SpO2 99%' are visible.
  - Bottom Graph:** Displays a TOCO (Tocodynamometer) waveform (purple line) showing uterine contractions.

### Key Learning Points

-  Patient Archive will only be available on patient's that have a current active episode.

## PATIENT SCENARIO 6

Duration	Learning Objectives
	<p>At the end of this Scenario, you will be able to:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Understand how to finalize and disassociate</li> <li><input type="checkbox"/> Review Central Monitor and Alerts views</li> </ul>

### SCENARIO

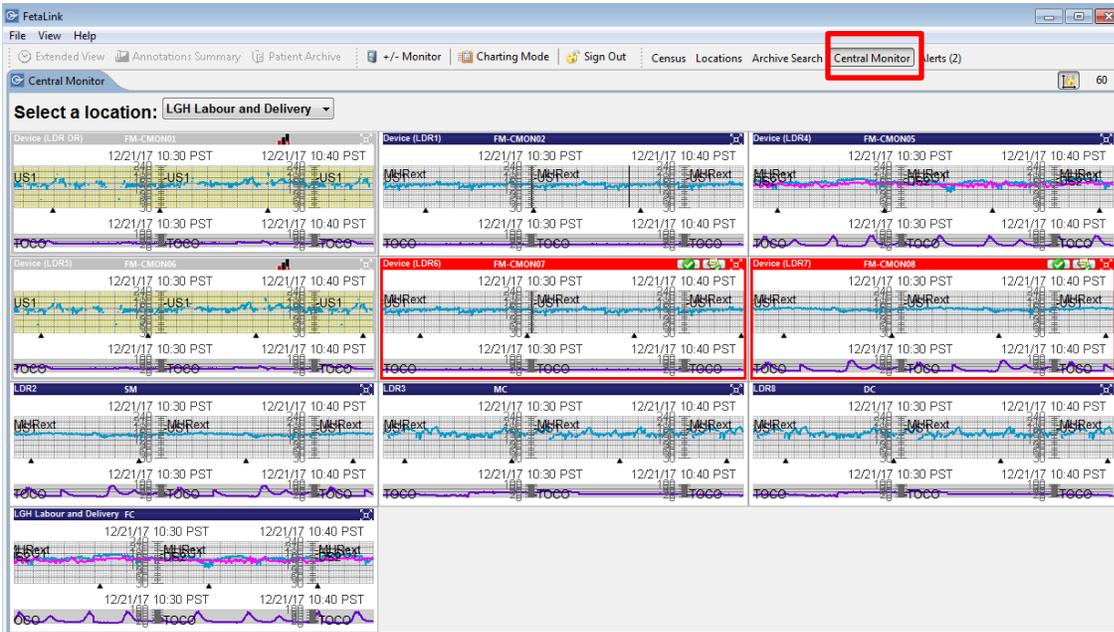
Your patient has delivered and you need to finalize and disassociate her monitoring episode. You will also review the Central Monitor view and the Alerts view.

As a labour nurse, you will complete the following activities:

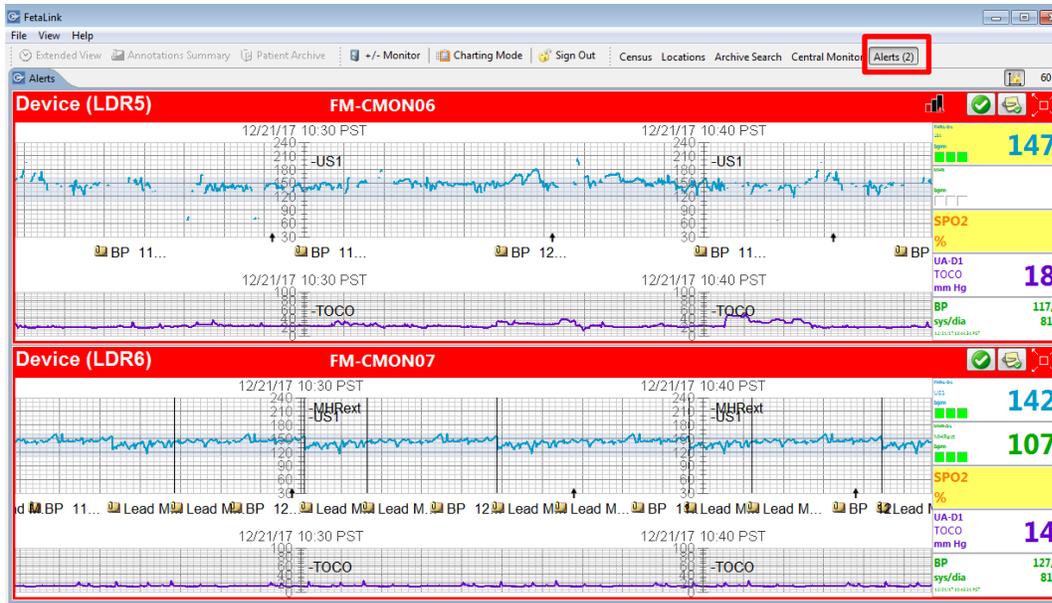
- Access Central Monitor view
- Review Alerts view
- Finalize and disassociate your patient

## Activity 6.1 – Central Monitor View and Alerts View

- 1 Central Monitor View is used to view all monitors that are turned on.



Alerts view will show all tracings that have an active Alert

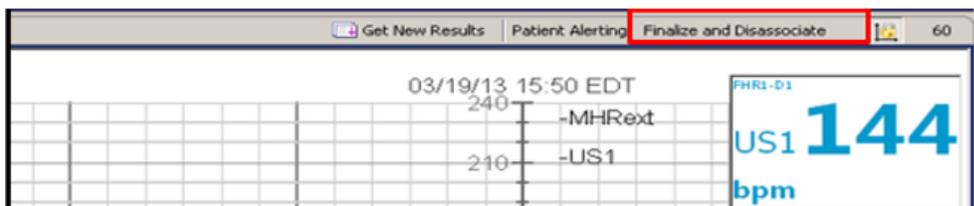


## Activity 6.2 – Finalize and Disassociate

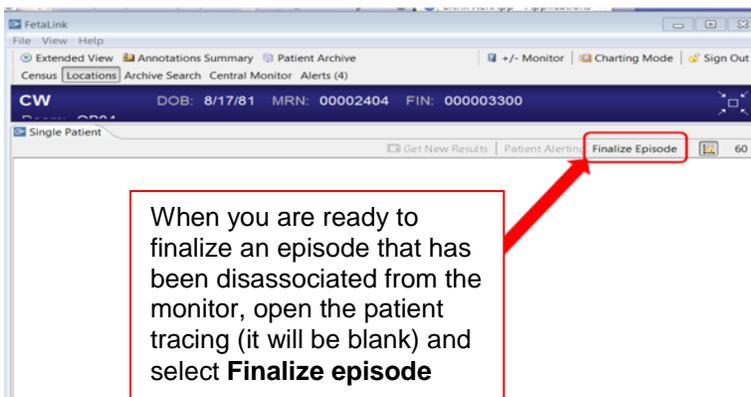
1

A fetal monitor tracing that is finalized and disassociated will be archived. This step should take place at the discharge of an undelivered patient or after delivery.

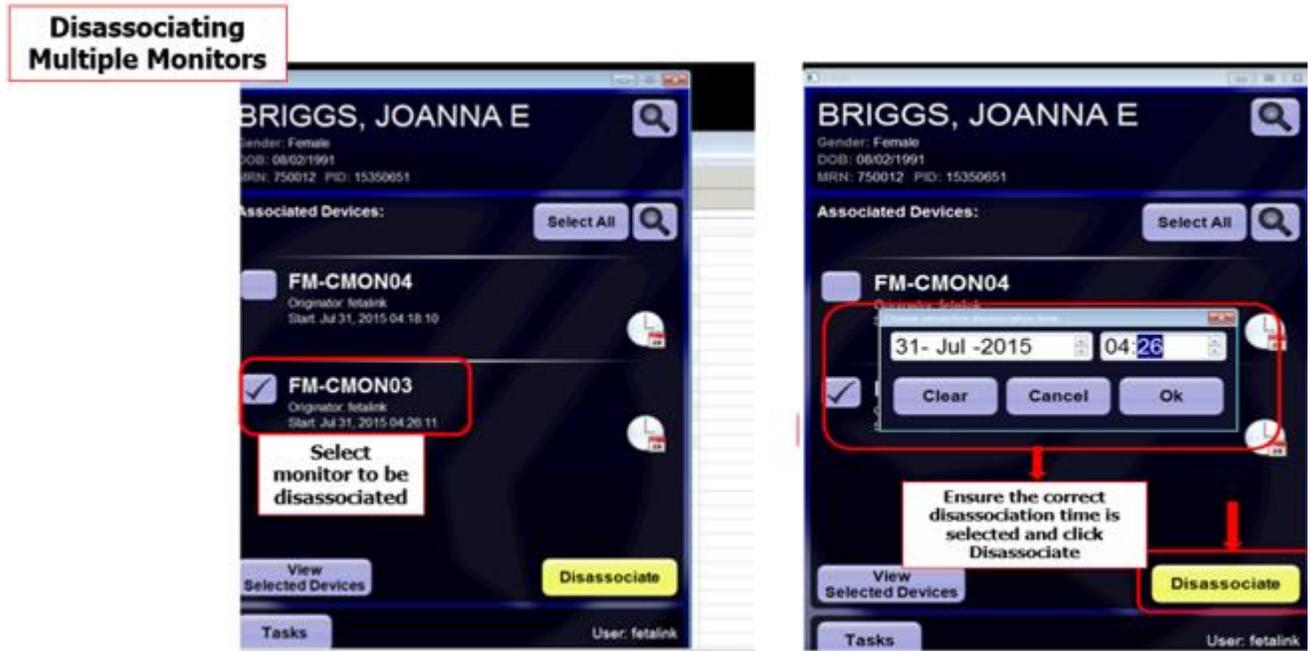
1. Select your patient from the Census and open their tracing
2. Click **Finalize and Disassociate** button



**⚠ Don't Forget**  
The patient episode will still need to be finalized if you only disassociated the device.  
Patient Alerting **Finalize Episode** Patients in a Hold location are not currently associated to a device but have an episode that is not finalized. Click on Hold to see the strip and to finalize.



- 2 Sometimes you will need to disassociate multiple monitors. To do so:



### Key Learning Points

- You can disassociate without finalizing but you CANNOT finalize without disassociating.
- To finalize and send to archive you must select the finalize button.
- To disassociate you can do it by clicking on the device name from the census page or from +/- monitor and searching for the patient.
- If the device has just been disassociated, you will still need to remember to finalize the episode.
- Remember to check the census board before going off shift to ensure you do not have patients in an unfinalized and hold status.

## PATIENT SCENARIO 7

Duration	Learning Objectives
	<p>At the end of this Scenario, you will be able to:</p> <ul style="list-style-type: none"><li data-bbox="581 443 979 478">■ How to use Charting Mode</li><li data-bbox="581 495 857 531">■ Trouble Shooting</li><li data-bbox="581 548 1175 583">■ Identify various icons and what they mean</li></ul>

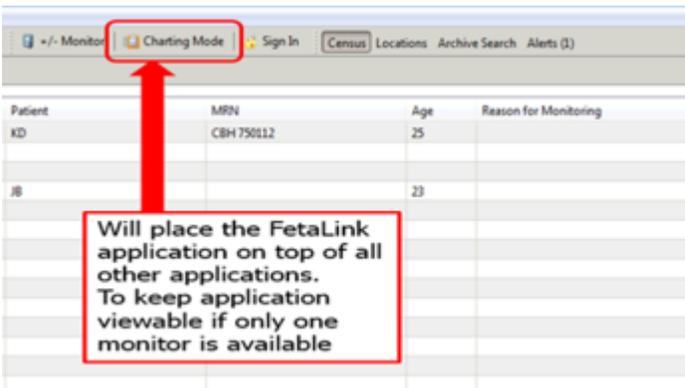
### SCENARIO

In this scenario, we will review charting mode, trouble shooting common issues, and other icons that you will need to know the meaning of.

## Activity 7.1 – Charting Mode

- 1 Throughout your shift, you may only have one screen to document on. In this case you can use charting mode.

1. Select **Charting mode**



2. To exit out of Charting Mode simply click on the Charting Mode button

## Activity 7.2 – Troubleshooting

- 1 Throughout your shift, you may need troubleshoot some issues. Make sure you read any alerts that pop up. Fetalink does not give false warnings.

Common warnings include:

1. You are attempting to associate a monitor that is currently in use
2. You are potentially overwriting a tracing that could belong to another patient
3. You are potentially backtiming an episode prior to the association time



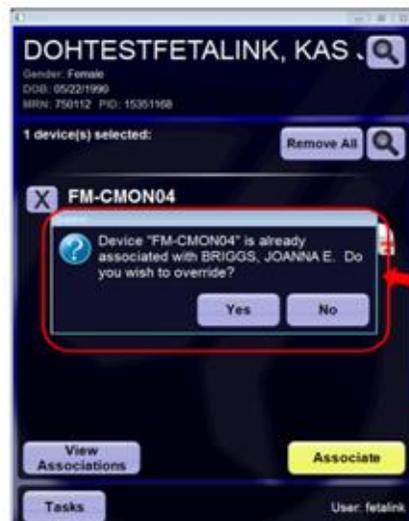
When manually associating patient, make sure the CORRECT patient is selected



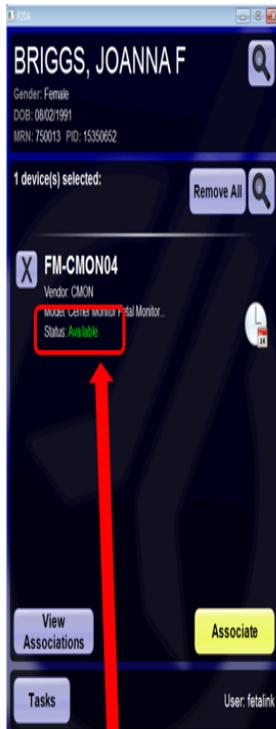
Monitor status should say Available



If monitor is currently associated you will see this displayed in red when monitor selection is made



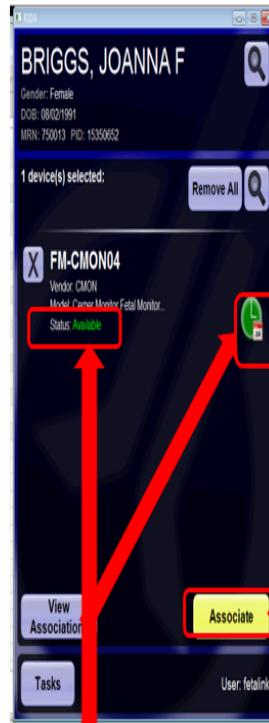
Make sure you read this warning before overriding an association



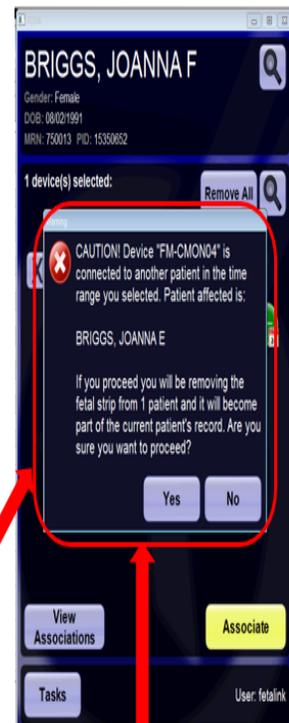
Monitor states available



Episode start time is back timed



Shows available and association time has been changed



When Associate button clicked a warning displays that the time selected will overwrite an existing episode



**Two monitors associated to one patient.  
One monitor turned on, one monitor turned off**



**Two monitors associated to one patient.  
Both monitors turned on**

**I can't see my + / - monitor screen after I clicked it**  
**Check at the bottom of the screen to see if it opened behind the main window.**