Spring 2016 Implementing EHR into Class, Clinical and lab

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Disclosure

- G. Galosi and G. Turner do not have any financial relationship with education, healthcare or simulation products or companies.

Learning Outcomes

- Discuss the challenges in the educational setting affecting the use of EHR.
- Analyze current trends in nursing education leading to the expanded use of EHR.
- Explore innovative techniques for using EHR in the classroom, clinical and lab setting (provide example).

Changes in healthcare settings.

- Affordable Care Act
- Federal incentives
- Regulatory requirements
- Expectations of new graduates to be able to electronically document

Polling Question

- Kahoot.it
- Put in Gamepin
- (After I get it)

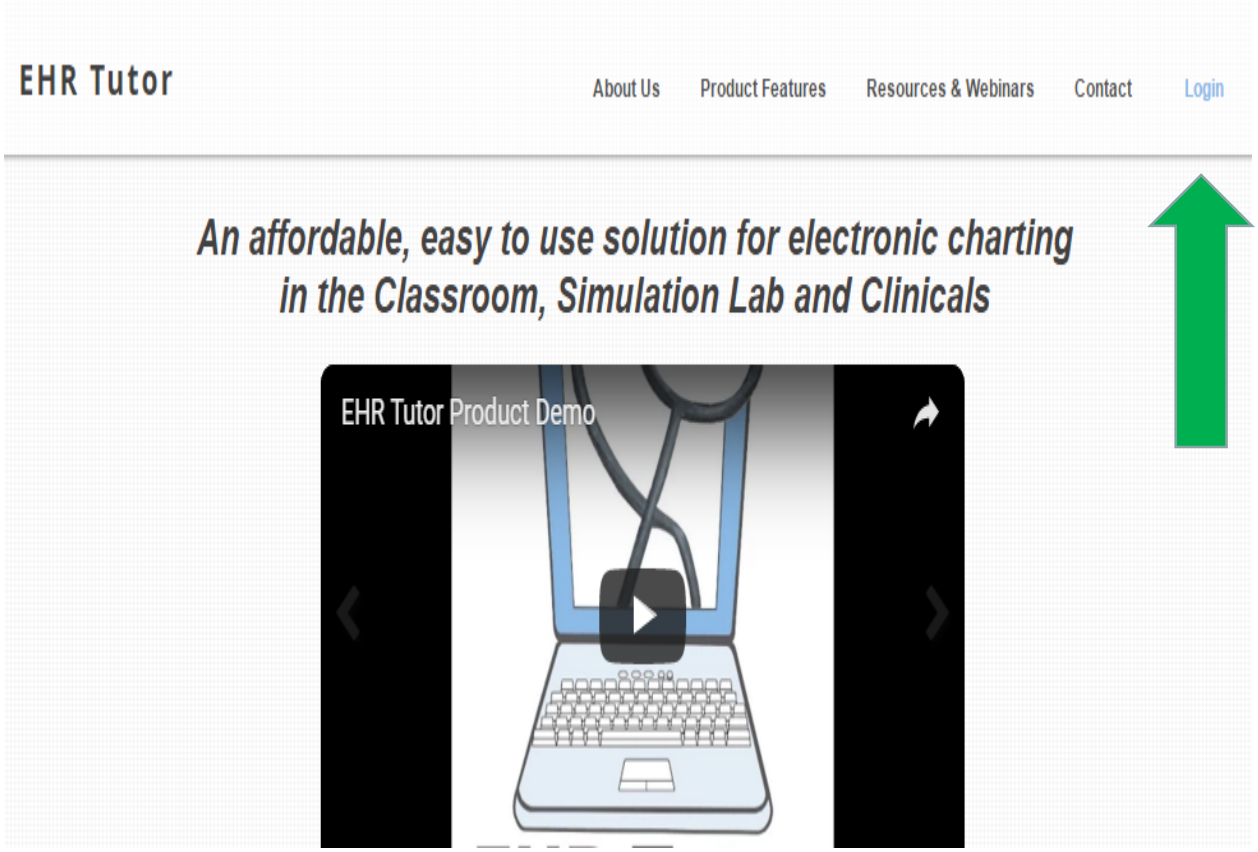
EHR in the Clinical Setting

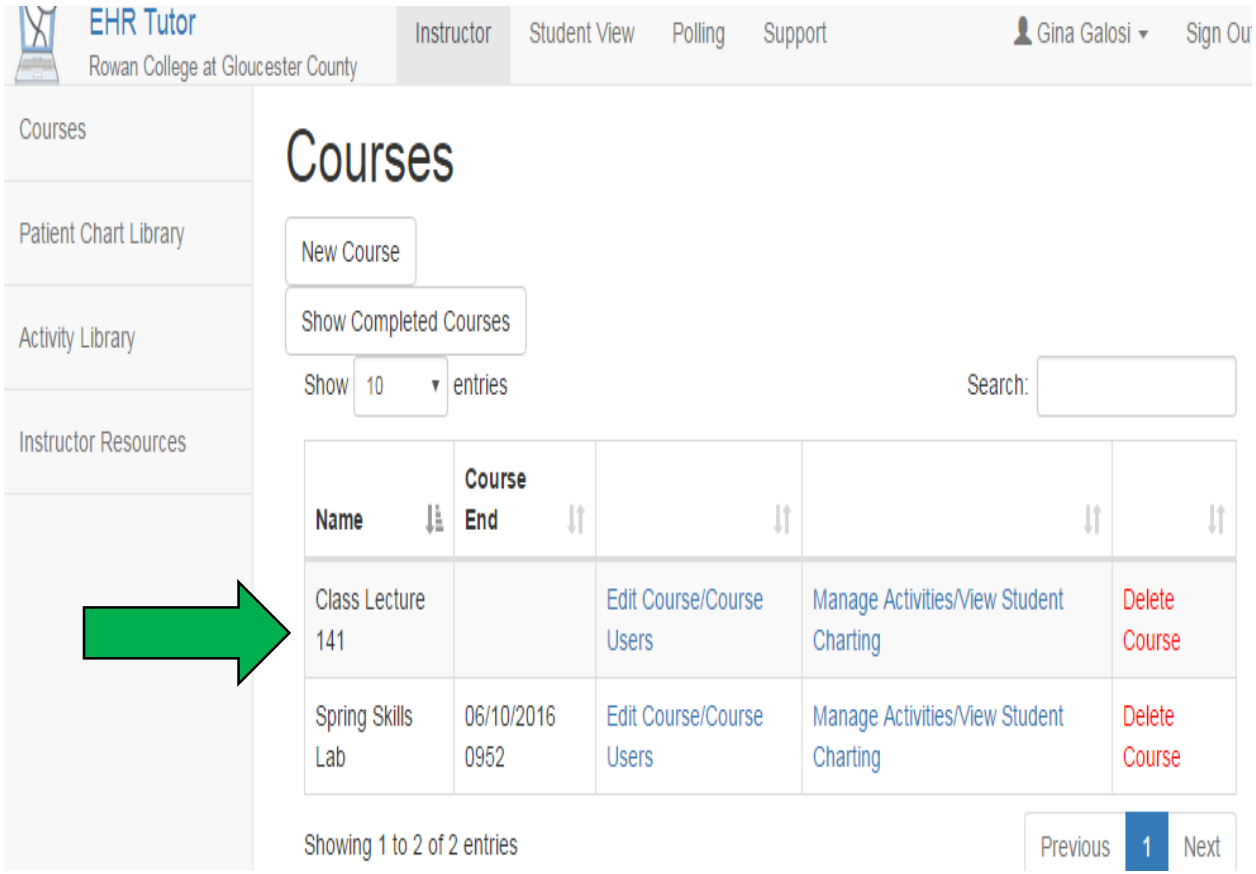
- Documentation of individual patient assignments
- Alternate clinical assignments-
  - Review the chart and document expected findings
- Post conference-
  - One student gives report-other students document expected findings and then compare.

EHR in the Lab Setting

- Students document the skills
  - Performed in the lab
    - ADL's, V/S, Med pass, Assessments
  - Progress notes
    - Foley insertion and/or removals
    - V/S out of the expected findings (high B/P)

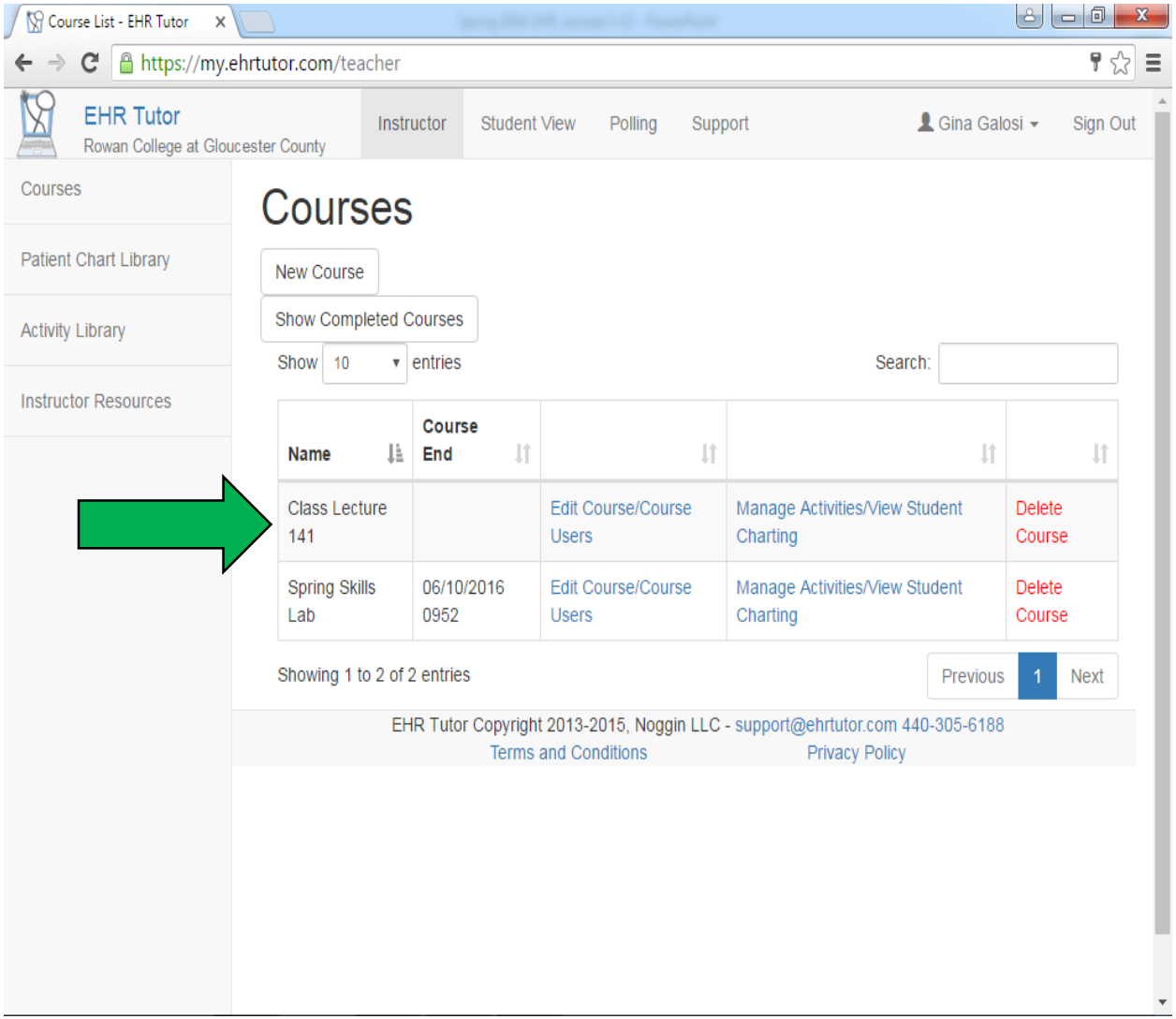
EHR in the Classroom

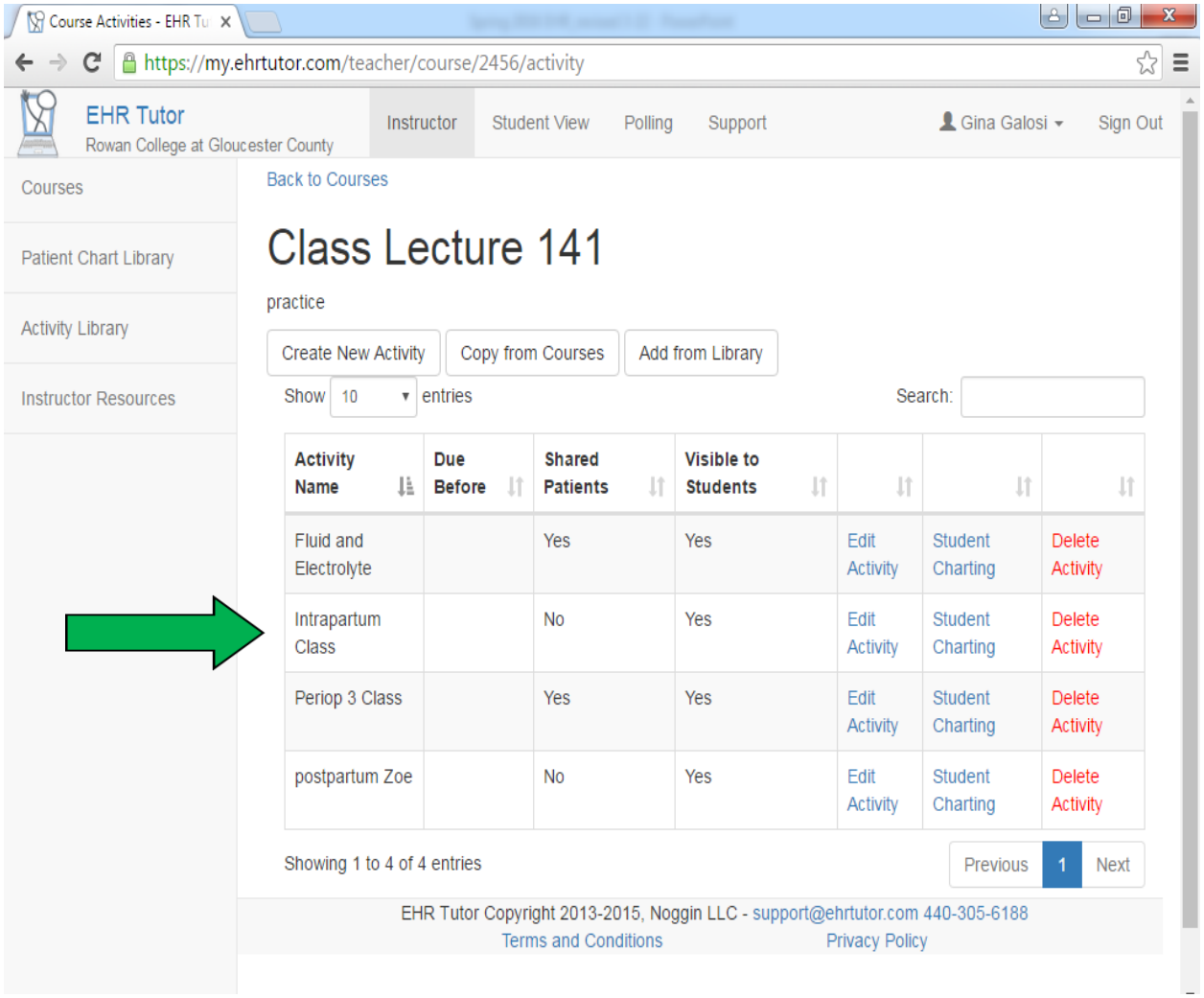



EHR Tutor
Rowan College at Gloucester County
Instructor
Student View
Polling
Support
Gina Galosi
Sign Ou
Courses
Patient Chart Library
Activity Library
Instructor Resources
Courses
New Course
Show Completed Courses
Show 10 entries
Search:
Name
Course End
Class Lecture 141
Edit Course/Course Users
Manage Activities/View Student Charting
Delete Course
Spring Skills Lab
06/10/2016 0952
Edit Course/Course Users
Manage Activities/View Student Charting
Delete Course
Showing 1 to 2 of 2 entries
Previous
1
Next

- Students are instructed to sign in to EHRtutor and go to the class NUR 141 Intrapartum Class upon entering the classroom

Go to the Course




Course Activities - EHR Tu
https://my.ehrtutor.com/teacher/course/2456/activity
EHR Tutor
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Instructor
Student View
Polling
Support
Gina Galosi
Sign Out
Courses
Patient Chart Library
Activity Library
Instructor Resources
Back to Courses
Class Lecture 141
practice
Create New Activity
Copy from Courses
Add from Library
Show 10 entries
Search:
Activity Name
Due Before
Shared Patients
Visible to Students
Fluid and Electrolyte
Yes
Yes
Edit Activity
Student Charting
Delete Activity
Intrapartum Class
No
Yes
Edit Activity
Student Charting
Delete Activity
Periop 3 Class
Yes
Yes
Edit Activity
Student Charting
Delete Activity
postpartum Zoe
No
Yes
Edit Activity
Student Charting
Delete Activity
Showing 1 to 4 of 4 entries
Previous
1
Next
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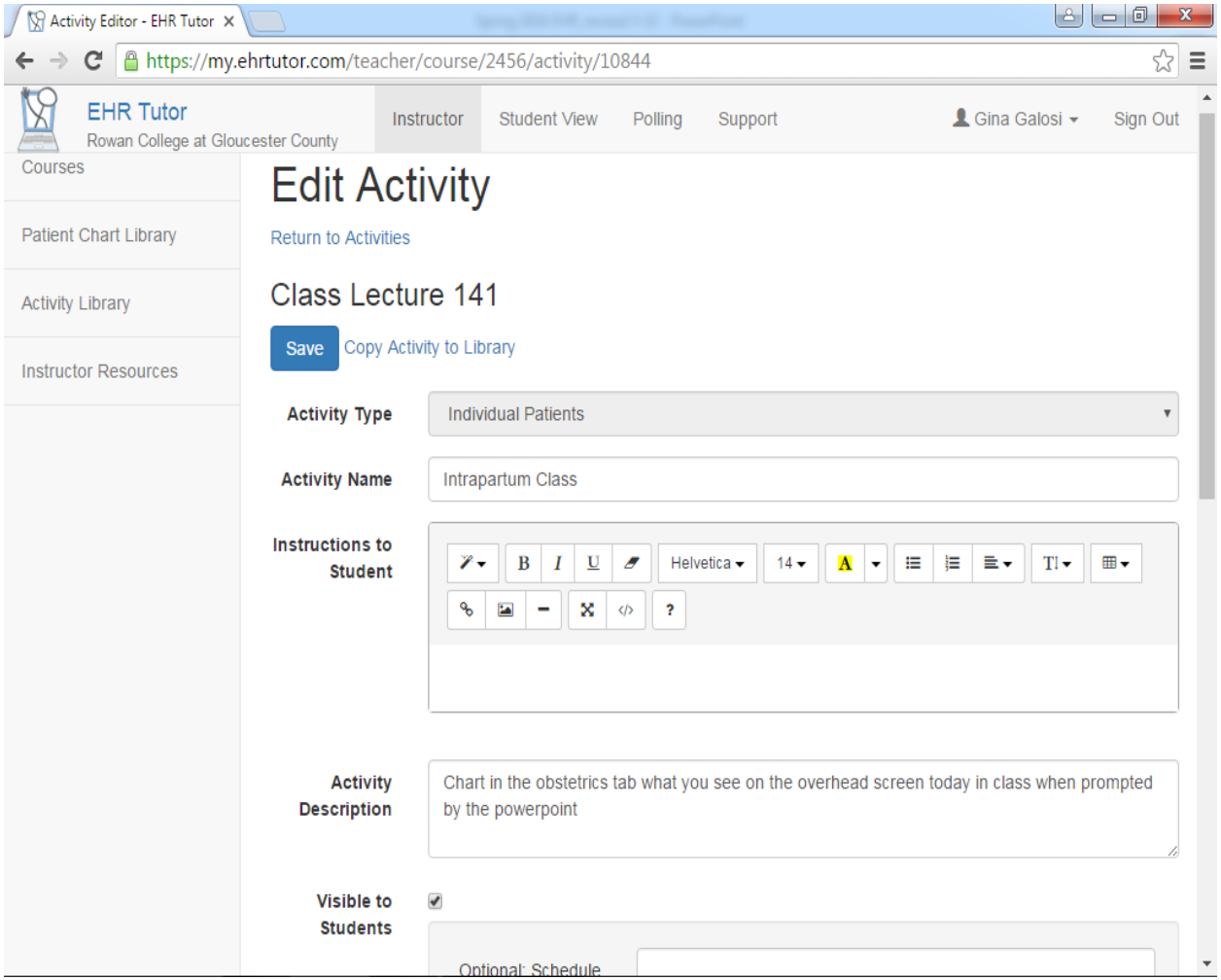
Activity Editor - EHR Tutor
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Student View
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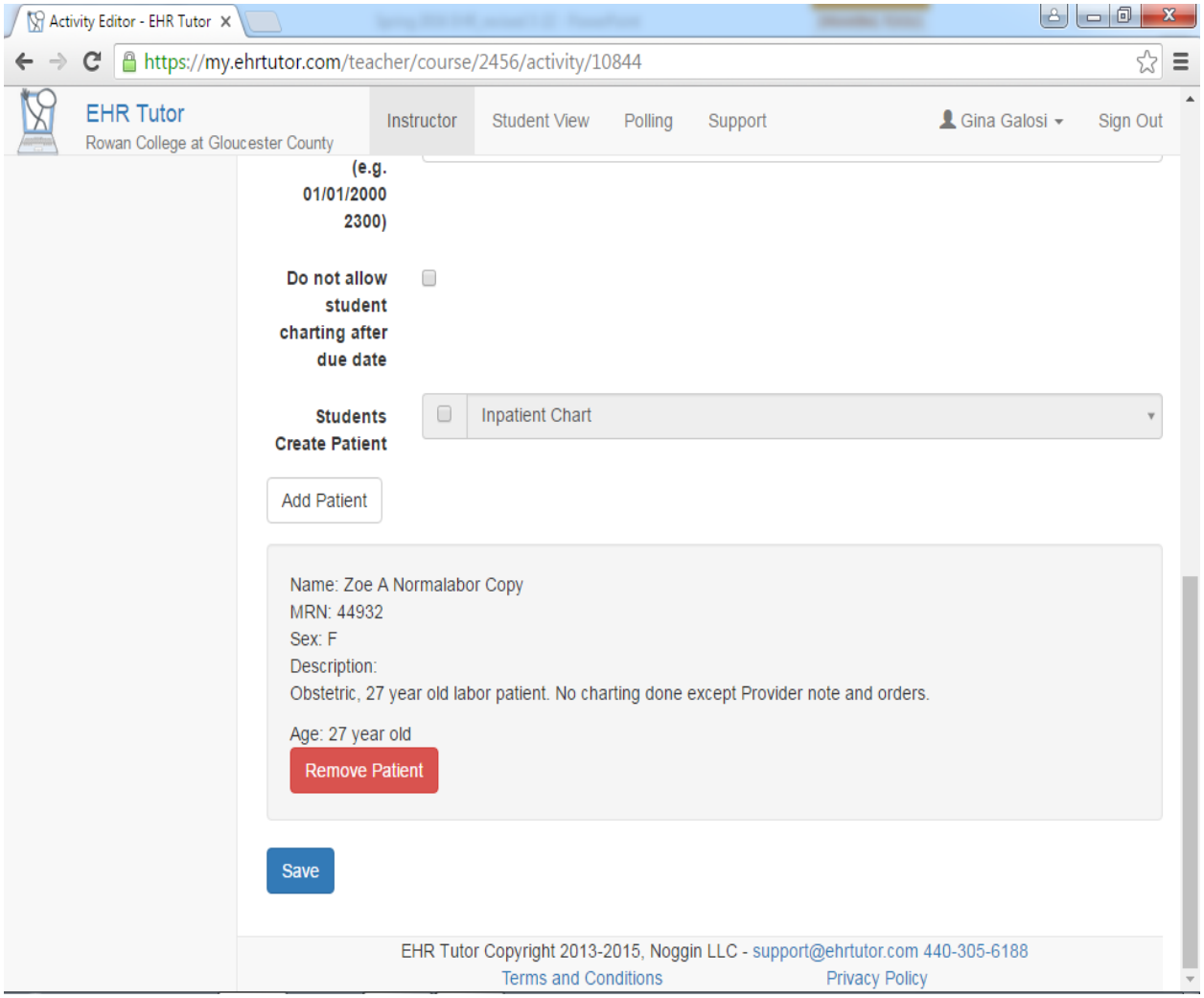
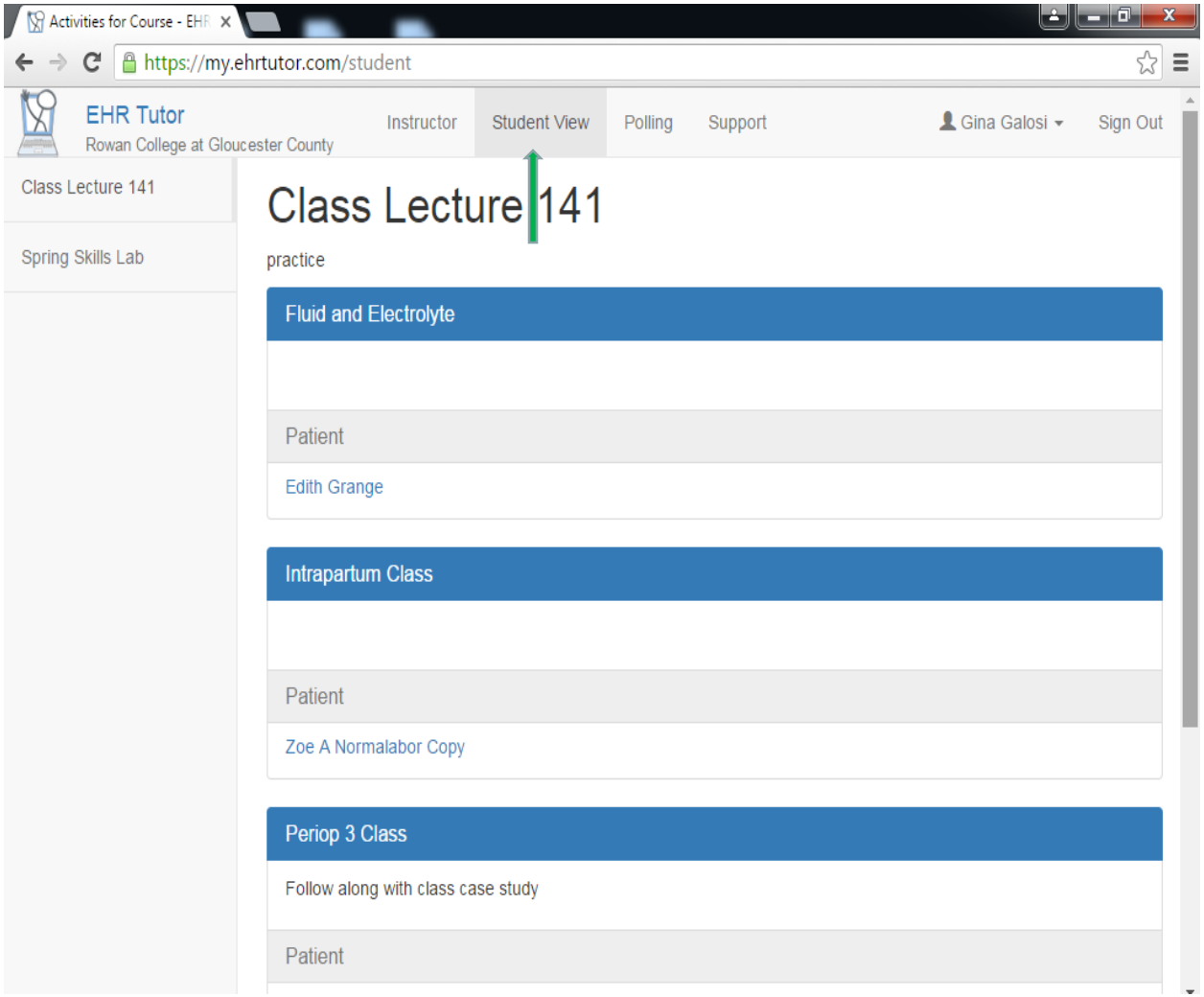
Support
Gina Galosi
Sign Out
Courses
Patient Chart Library
Activity Library
Instructor Resources
Edit Activity
Return to Activities
Class Lecture 141
Save
Copy Activity to Library
Activity Type
Individual Patients
Activity Name
Intrapartum Class
Instructions to Student
Helvetica
14
Activity Description
Chart in the obstetrics tab what you see on the overhead screen today in class when prompted by the powerpoint
Visible to Students
Optional: Schedule

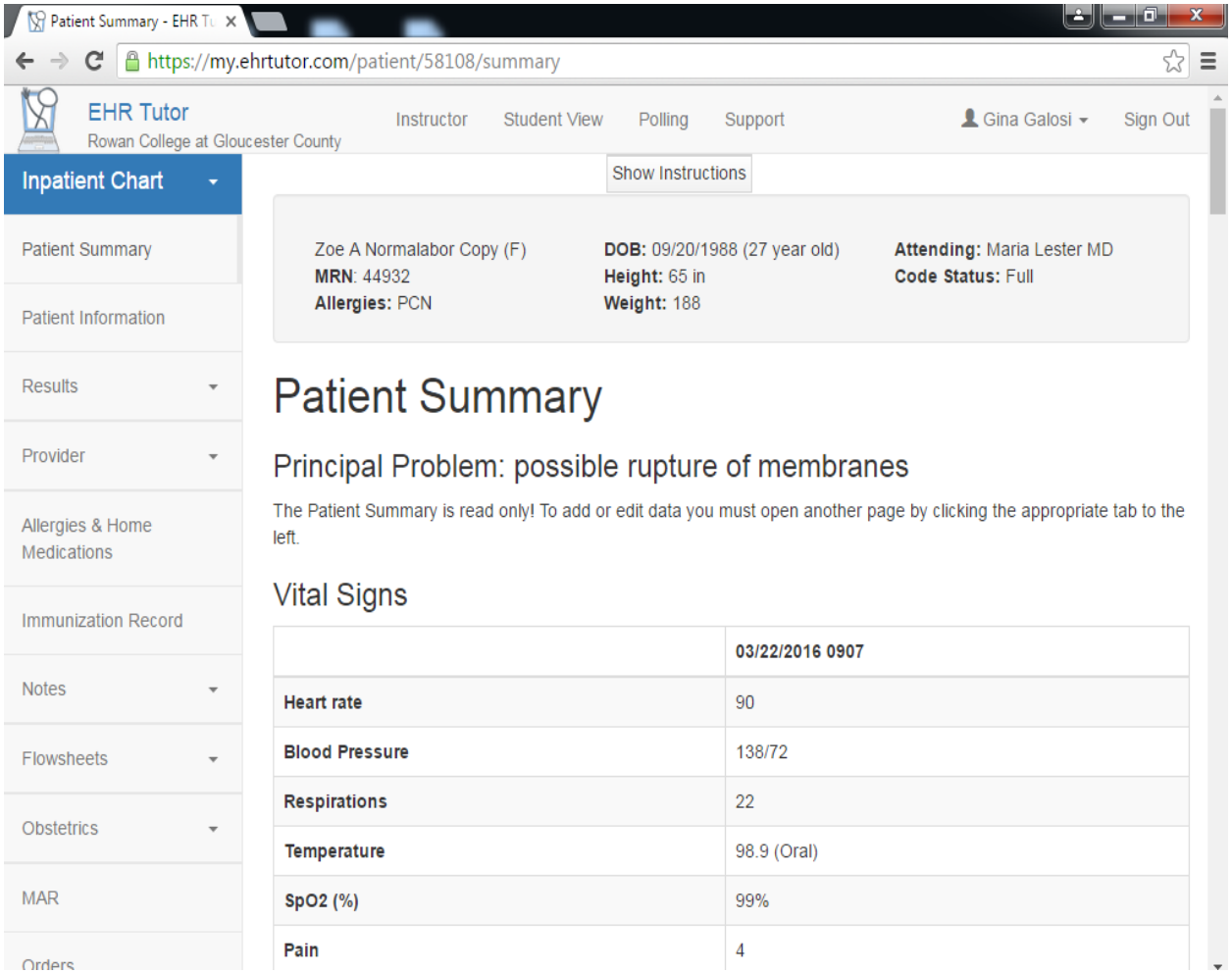
Instructions for class



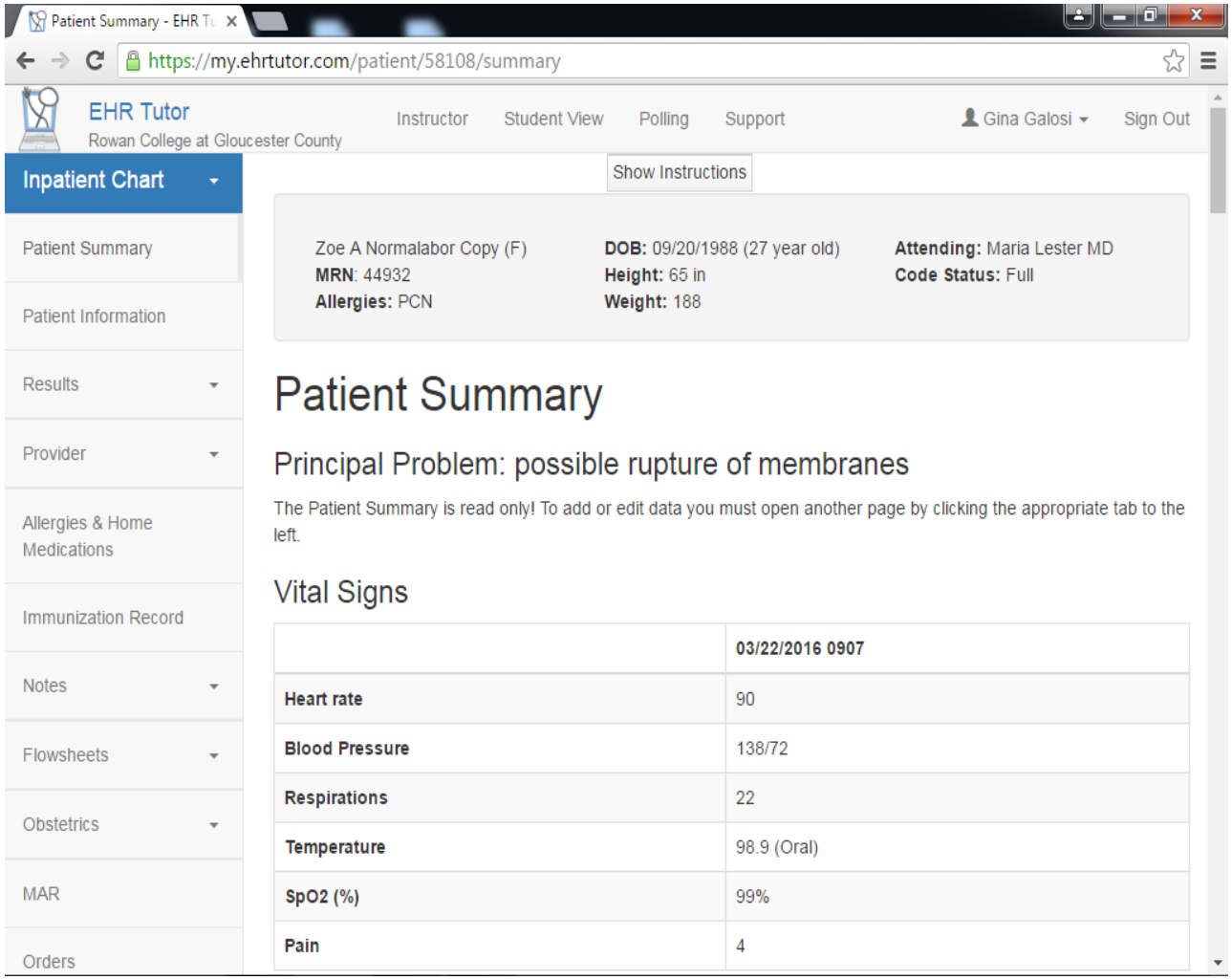
Student View-Zoe normal labor



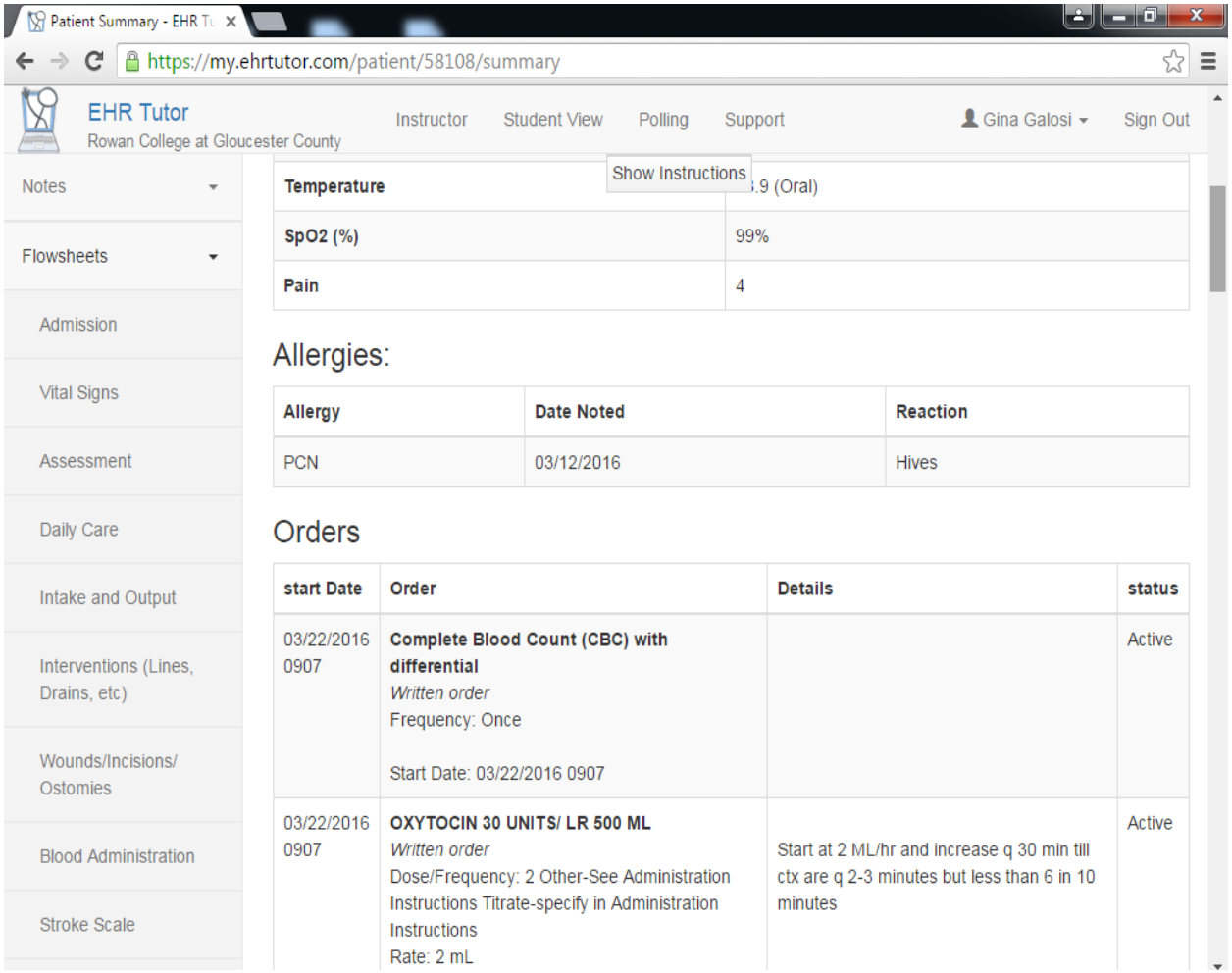
Go into the chart



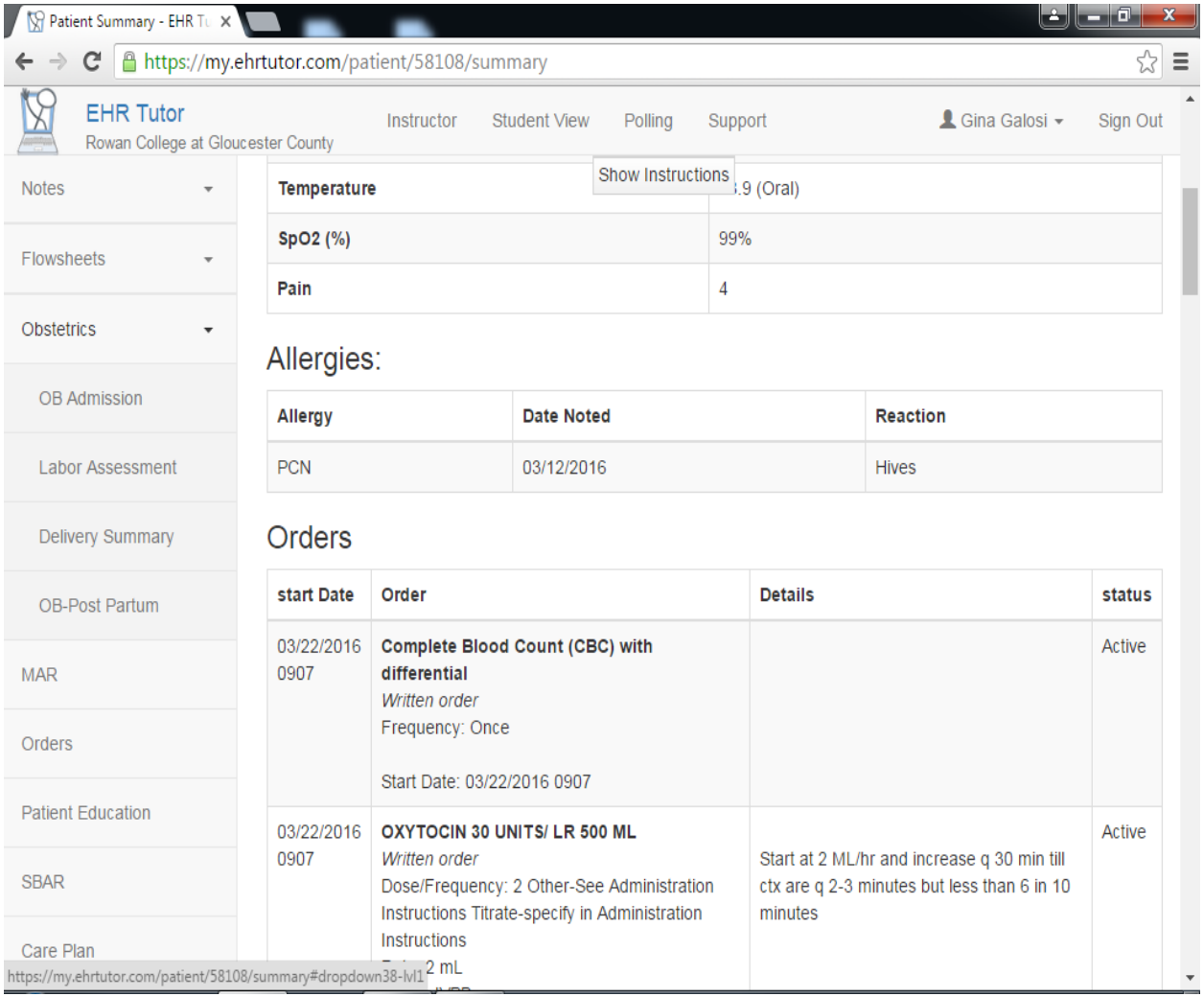
Orders/Summary



Flowsheets (editable)

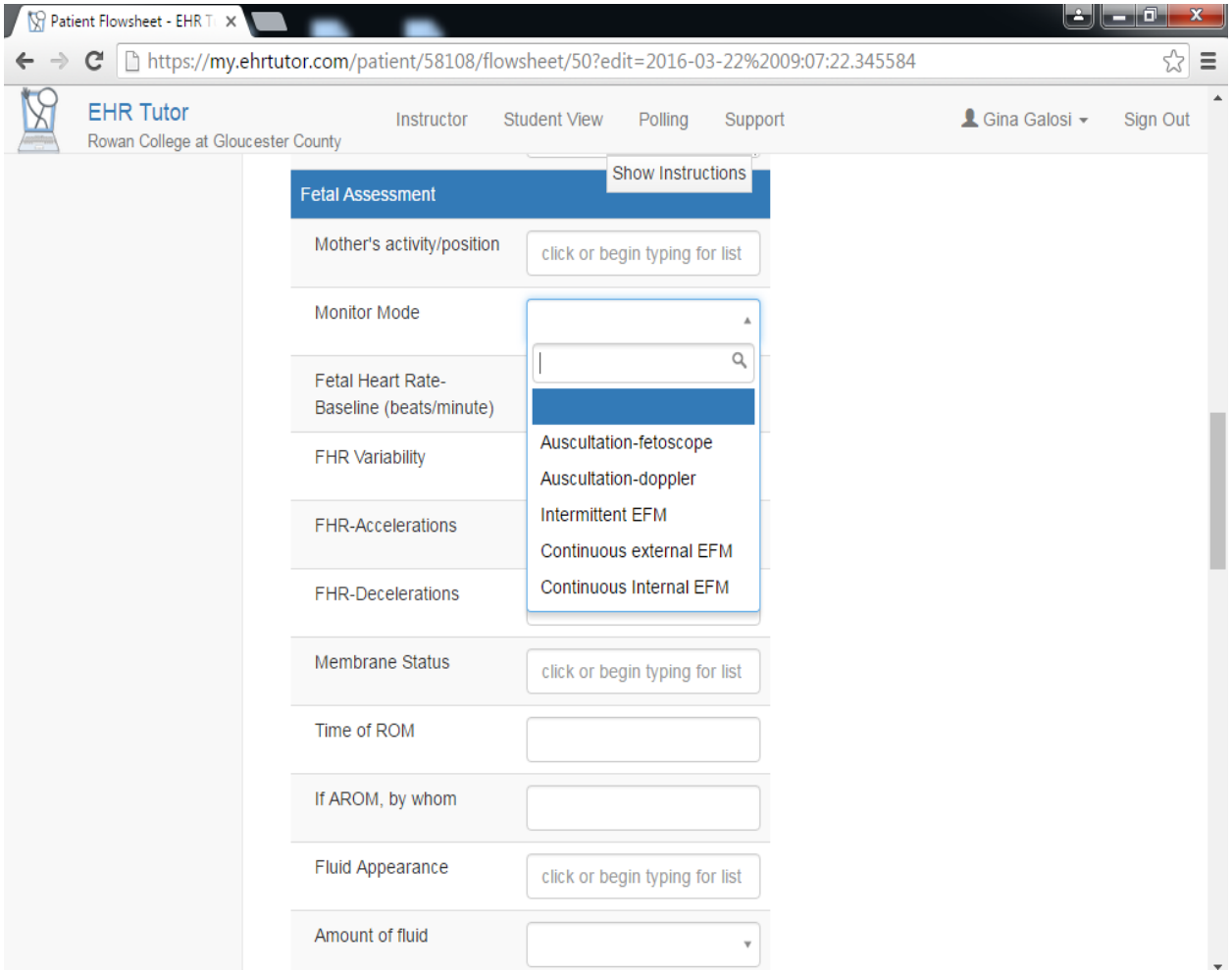


OB Specific Charting

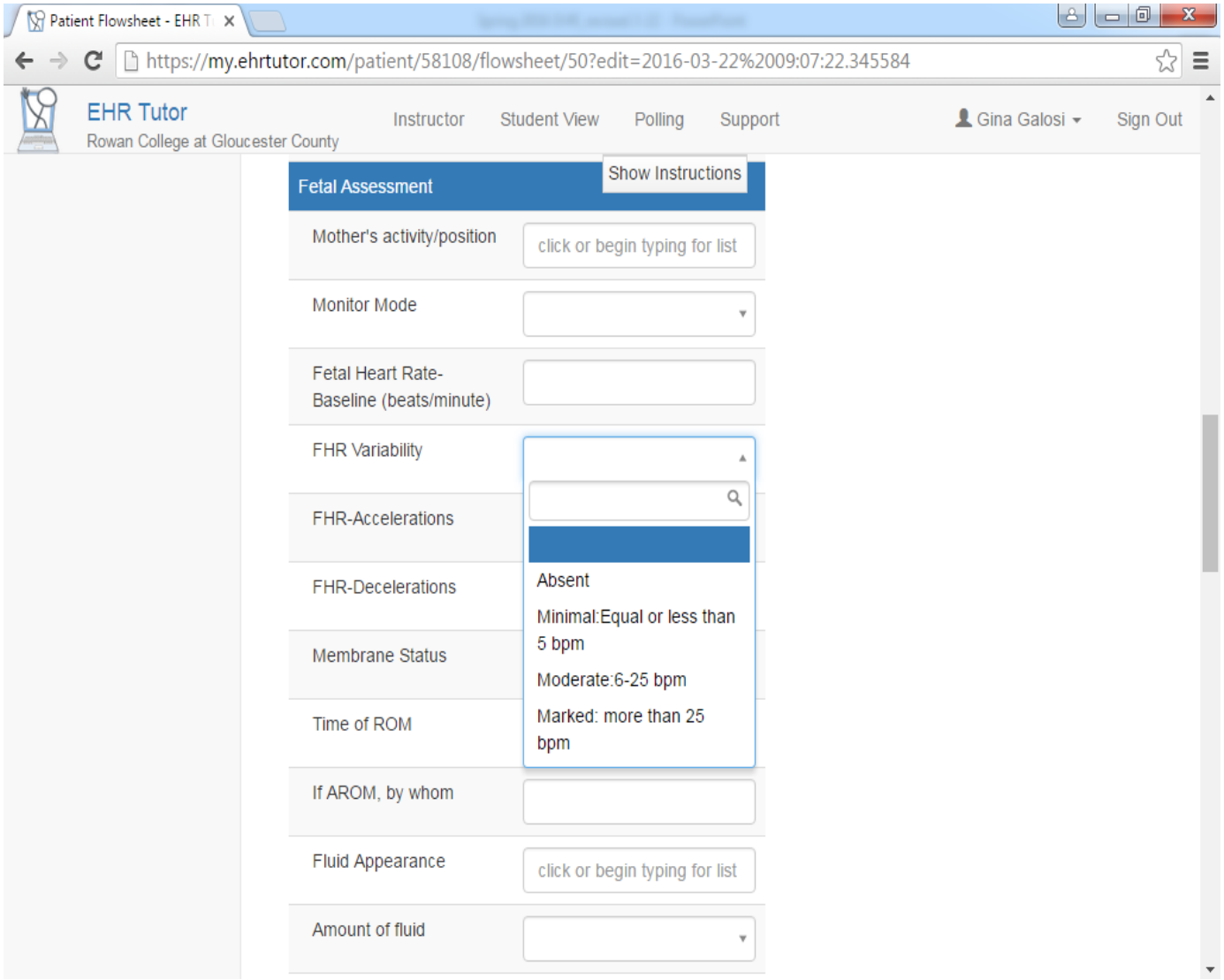


- PCN Allergy and order for Ancef
- Students instructed to investigate a problem

Fetal Assessment Documentation



Uterine Activity Documentation



Case Study

- Instruction on first slide upon entering for students to sign in to EHRtutor, 141 lecture/class, then familiarize themselves with Zoe-normal labor.
- Students are encouraged to bring laptops and instructions to bring laptops were added to the lessonplan

Meet Zoe

They are told to review orders

Review the orders based on the information in the last slide.

1. Do you have any questions?

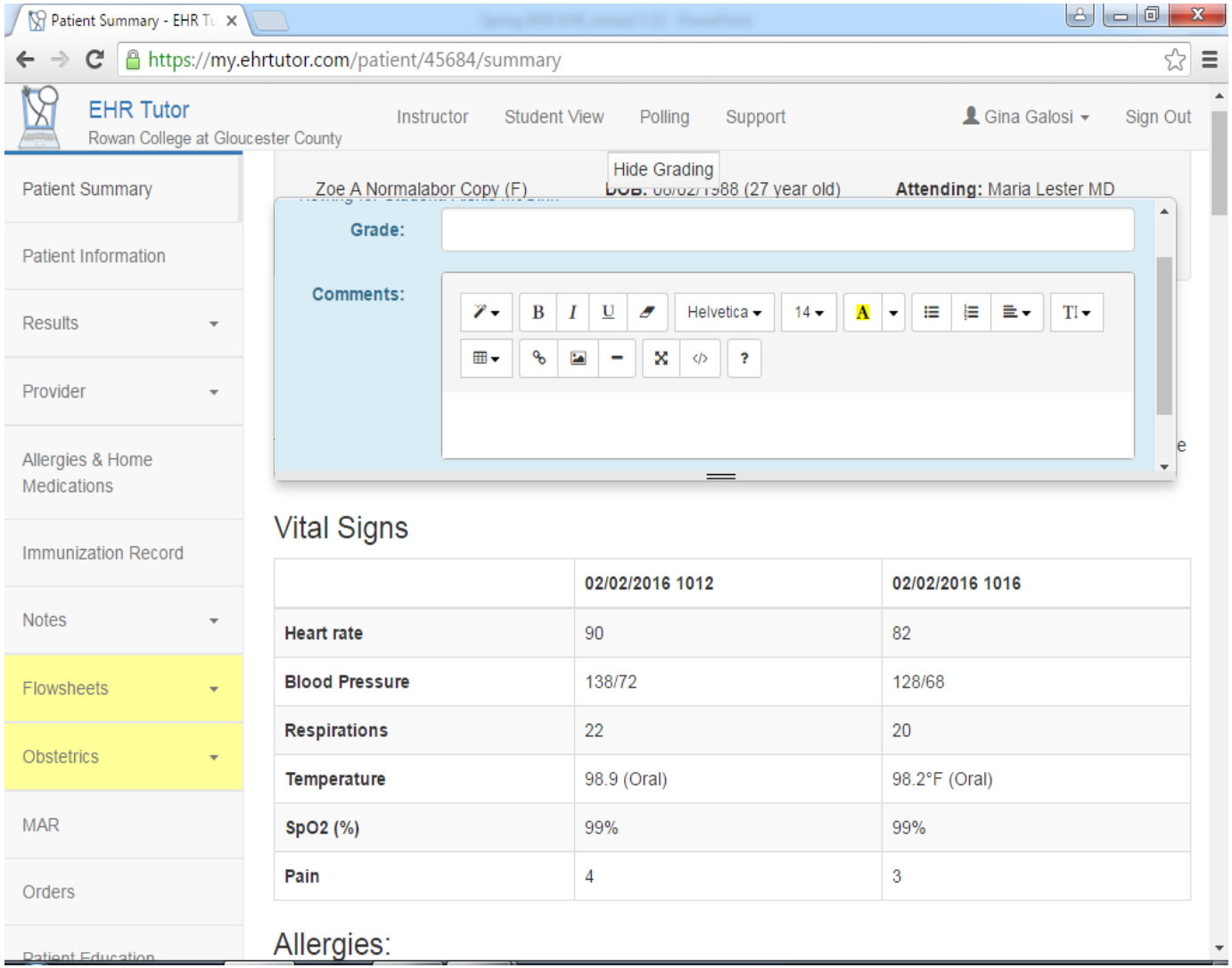
2. What is your first priority concern?

3. What will you do at this time?

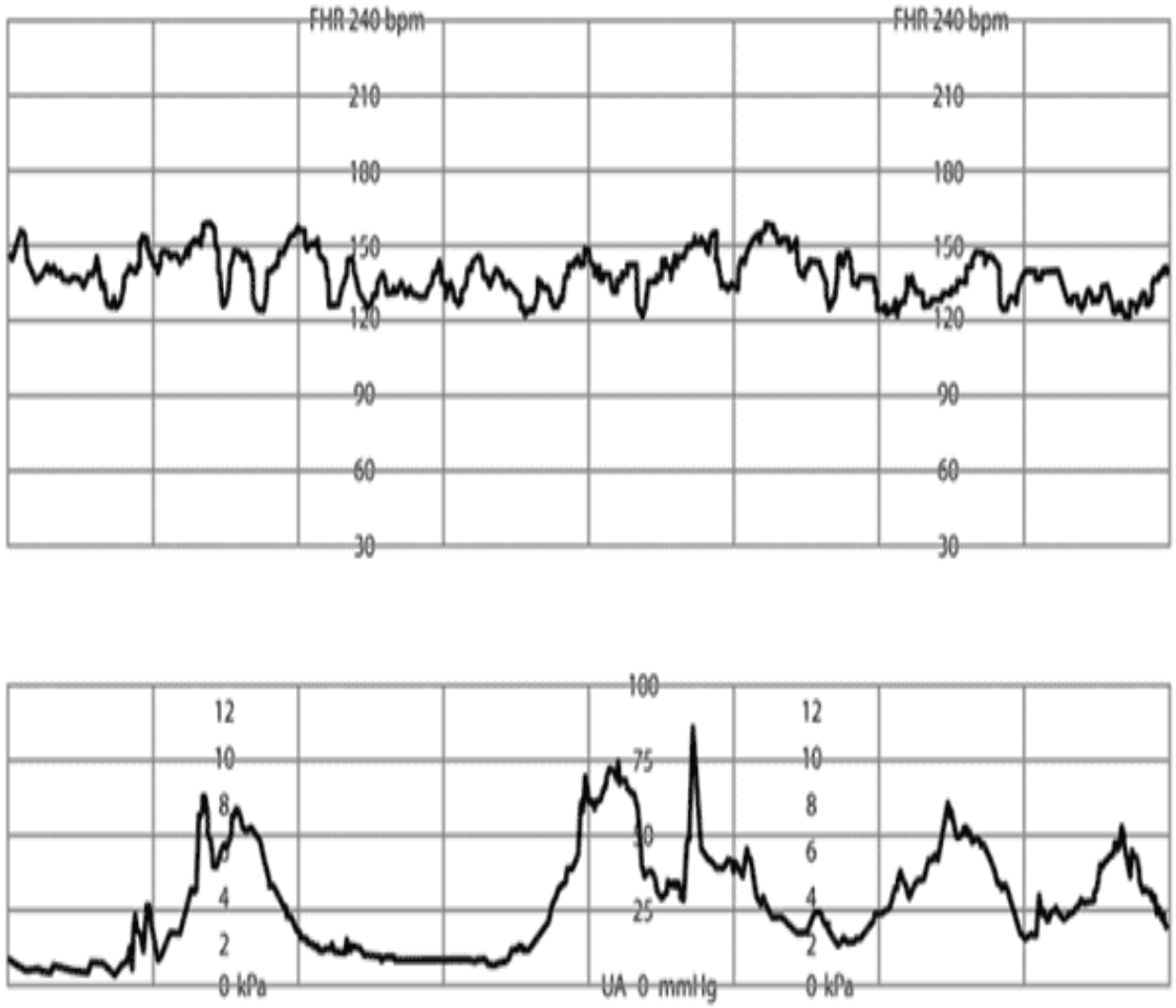
Report:

- **On admission, her vital signs are T-98.2 O, 82, 20, 128/68, 99%.**
- **Her pain scale is 3/10 with mild contractions**
- **She was previously in triage yesterday but sent home because she was told she had “false” labor**
- ***Chart the vital signs above for Zoe in class lecture 141 in EHRtutor***
- **List 3 ways to educate Zoe on false vs true labor**

Student Charting (name removed)



EFM Tracing

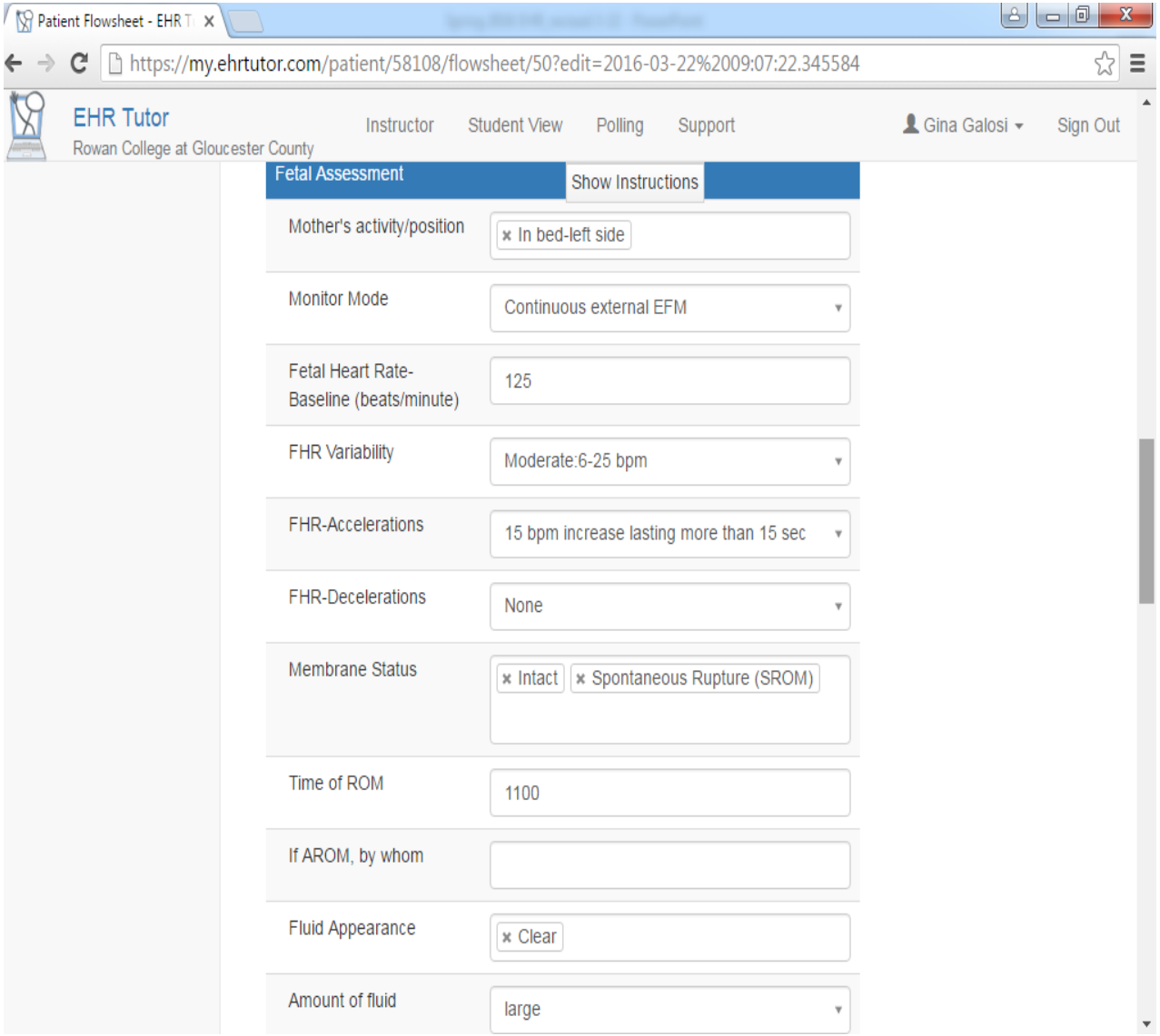

FHR 240 bpm
210
180
150
120
90
60
30
FHR 240 bpm
210
180
150
120
90
60
30
12
10
8
6
4
2
0 kPa
100
75
50
25
UA 0 mmHg
12
10
8
6
4
2
0 kPa

EFM Tracing

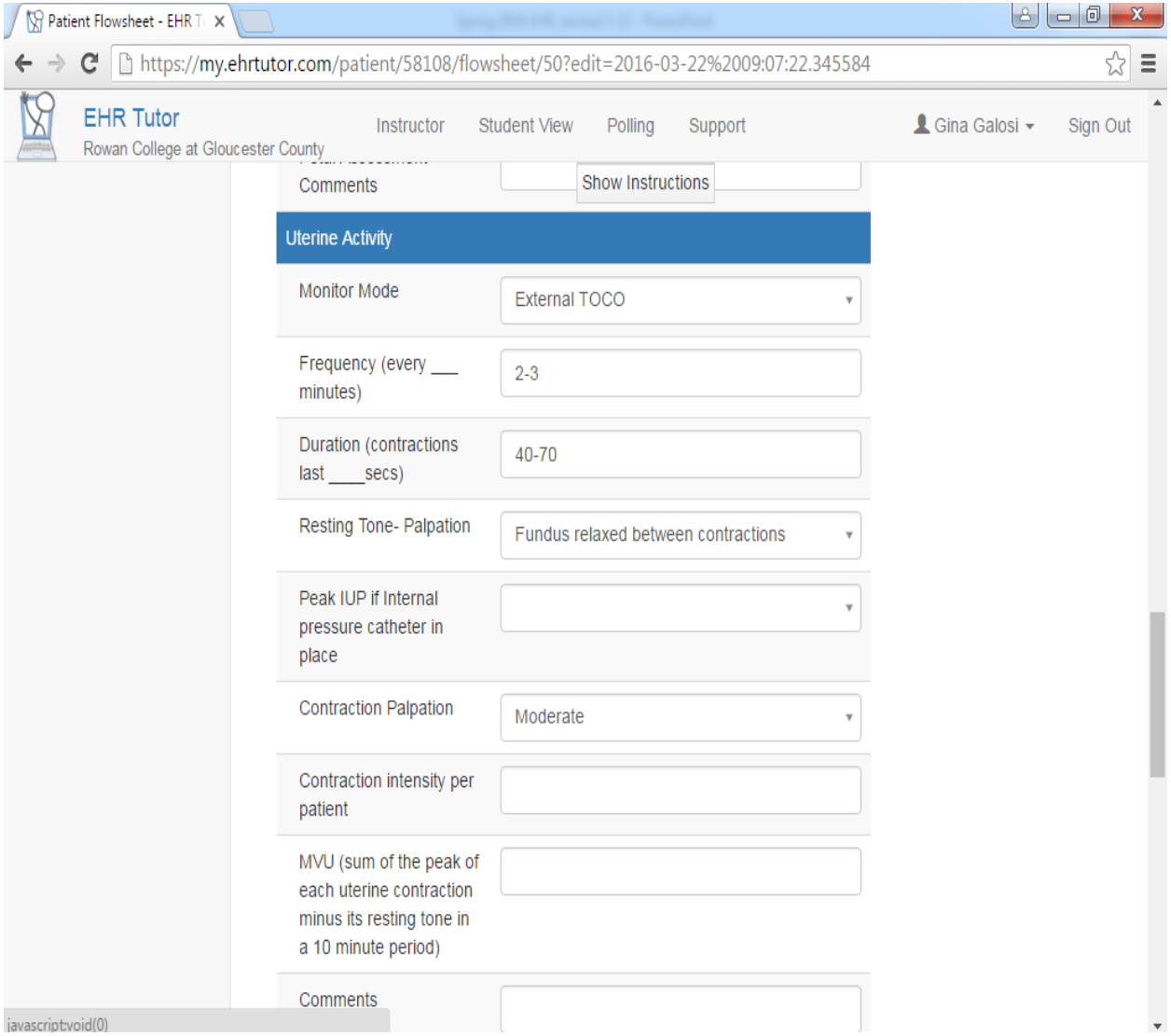
- Chart what you see on the monitor tracing
- What is the frequency of contractions (ctx)?
- What is the duration of contractions (ctx)?
- What is the fetal heart rate variability?
- What is the fetal heart rate or range of heart rate?

Chart this in EHR for this time in the obstetrics tab.

Student Charting of EFM



Student Charting EFM



According to Gardner & Jones (2012), the biggest barrier to implementation of EHR's in nursing education…….faculty

- Unsure how to integrate into curriculum
- Unfamiliar with educational EHR's
- Cost factor
- Kahoot.it

- Gardner, C. and Jones, S. (June 2012). Utilization of academic electronic medical records in undergraduate nursing education. Online Journal of Nursing Informatics (OJNI), vol. 16 (2), Available at http://ojni.org/issues/?p=1702