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
• 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
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

- Chart what you see on the monitor
- 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
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