Mock Code Blue Teaching

Supplemental Education for RN Staff
Your Role in a Code Blue / White

• There are several roles that need to be taken in order to provide an effective resuscitation effort. It takes a **Team Effort**!

• There are 6 Primary roles required to run an effective resuscitation effort
Your Role in a Code Blue / White

1. **Team Leader, MD**
   - Physician in Charge
   - Directs activities of the code
   - *Should be positioned at the foot of the bed*

2. **Recorder / Timekeeper**
   - Documents actions of the code
   - Keeps team informed of time passing (3 min since last medication, 2 min since last pulse check)
   - Ensures Physicians, Primary RN, RNs, and RCPs present are documented as the code blue team
   - *Ideally should be positioned near the Team Leader*
Your Role in a Code Blue

3. Airway Management
   - Generally an RCP but RN may assume until RCP arrives
   - Assesses airway and ensures an adequate airway is present and assists with ventilations as indicated
   - Supplies supplemental oxygenation and ability to monitor ETCO2 when available
   - May have ability to provide advanced airway management (intubation) or may have secondary personnel qualified to provide advanced airway
   - *Should be positioned at head of bed*

4. CPR
   - Provides effective CPR
   - *Should be positioned at patients side (chest level) opposite to door side and where defibrillator screen is visible to use audio / visual tools*
5. Medication RN
• Establishes and maintains IV access
• Administers medications and IV fluids as ordered
• *Should be positioned at side of bed by IV access*

6. Crash Cart / Defib RN
• Provides / prepares items and medications out of crash cart
• Administers shock as indicated
• *Should be positioned at patients side by door side with crash cart and visible to person doing CPR to see defibrillator screen*
Code Blue Team
What’s Your Position?

Recorder
- Documents Actions of Code
- Official Timekeeper
- Ensures Code Record is Complete
- Obtains Signatures
- Completes Notification Form

Timekeeper
- Documents Actions of Code
- Official Timekeeper
- Ensures Code Record is Complete
- Obtains Signatures
- Completes Notification Form

Team Leader MD
- Physician in Charge
- Directs Activities of the code

Airway Management
- Provides Airway Management and Respiratory Assistance as Needed
- Person Qualified to Intubate if Indicated

CPR
- Positioned Across from Defib to See CPR Audio/Visual Tools for Effective CPR

Crash Cart/Defib RN
- Hands Out Items & Medications as Needed
- Defibrillates When Called for

Medication RN
- Administers IV Fluids & Medications

What’s Your Position?
How Do You Know If Your CPR Is Effective?

• The R Series Defibrillators on ALL the crash carts have audio / visual cues that let you know how you are doing.

• When doing CPR, make sure you are in sight of the defibrillator and look to the “Release” box which will show depth and the “CPR” diamond will show rate
  – You want to fill up the boxes during CPR to be effective
  – Listen for cues to speed up or slow down your rate or push harder!

• Did ya know….you can now visualize the underlying rhythm of the patient WHILE doing CPR!
CPR Feedback Window
Goal: Fill the Boxes

Underlying Rhythm
As an assessment tool during CPR, capnography can help the ACLS provider determine a number of things.

- It is a direct measurement of ventilation in the lungs, and it also indirectly measures metabolism and circulation.

  Normal ETCO$_2$ in the adult patient should be 35-45 mmHg.

- For example, a decrease in perfusion (cardiac output) will lower the delivery of carbon dioxide to the lungs.

  High quality chest compressions are achieved when the ETCO$_2$ value is at least 10-20 mmHg.
Capnography Tools

ZOLL ETCO2 cable

EMMA portable ETCO2 monitor.

Will be carried by RCP for Rapid Response and Code Blue calls
You Are The Recorder…

- NEW Code Blue / Rapid Response Narrator
  - You can practice
    - Watch the video and record the events as if you are the recorder for this code
      - https://www.youtube.com/watch?v=U1zq4T7MEWw
  - Use closed loop communication
  - Debrief after each code
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   • Person Qualified to Intubate if Indicated

3. Crash Cart/Defib RN
   • Hands Out Items & Medications as Needed
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4. Medication RN
   • Administers IV Fluids & Medications

5. Recorder/Timekeeper
   • Documents Actions of Code in Code
   • Official Timekeeper
   • Ensures Code Record is Complete

6. Team Leader MD
   • Physician in Charge
   • Directs Activities of the code

Primary Nurse
• Stay in Room to Answer Questions & Free from Tasks During the Code

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