

## IM7 Simulation Week 2 - Answers

### Titration Lab Quiz

1. Which of the following are true about norepinephrine (Levophed)? Select all that apply
  - a. Norepinephrine may cause dysrhythmias
  - b. Extravasation may cause tissue necrosis
  - c. Norepinephrine dilates the veins and arteries
  - d. Norepinephrine may increase O2 demand
  
2. A patient is receiving a continuous propofol infusion. Which of the following should the nurse monitor as a potential adverse effect? Select all that apply
  - a. Respiratory depression
  - b. Hypertension
  - c. Elevated triglyceride level
  - d. Acidosis
  - e. Rhabdomyolysis
  
3. While assessing a patient receiving nicardipine infusion the nurse should expect to find which of the following if the infusion is effective?
  - a. Decreased blood pressure
  - b. Decreased heart rate
  - c. Increased serum calcium level
  - d. Normal respiratory rate

### Chest Tube Quiz - Review the assigned HESI Skills on Chest Tube:

4. You are providing care to a patient with a chest tube. On assessment of the drainage system, you note continuous bubbling in the water seal chamber and oscillation. Which of the following is the correct nursing intervention for this type of finding?
  - a. Reposition the patient because the tubing is kinked.
  - b. Continue to monitor the drainage system.
  - c. Increase the suction to the drainage system until the bubbling stops.
  - d. Check the drainage system for an air leak.
  
5. A patient calls and tells you something is wrong with his chest tube. When you arrive to the room you note that the drainage system has fallen on its side and is leaking drainage onto the floor from a crack in the system. What should be your next action?
  - a. Place the patient in supine position and clamp the tubing
  - b. Notify the physician immediately
  - c. Disconnect the drainage system and get a new one
  - d. Disconnect the tubing from the drainage system and insert the tubing 1 inch into a bottle of sterile water and obtain a new system

6. While helping a patient reposition in the bed, the chest tube becomes dislodged. What is your immediate nursing intervention?
- Stay with the patient and monitor their vital signs while another nurse notifies the physician
  - Place a sterile dressing over the site and tape it on three sides and notify the physician
  - Attempt to re-insert the tube
  - Keep the site open to air and notify the physician
7. A patient is about to have their chest tube removed by the physician. As the nurse assisting with the removal, which of the following actions will you perform? Select-all-that-apply
- Educate the patient how to take a deep breathe out and inhale rapidly while the tube in being removed.
  - Gather supplies needed including petroleum gauze
  - Place the patient in Semi-Fowler's position during removal
  - Have the patient take a deep breath, exhale, and bear down during removal
  - Pre-medicate prior to removal as ordered by the physician
  - Place the patient is prone position after removal for one hour.

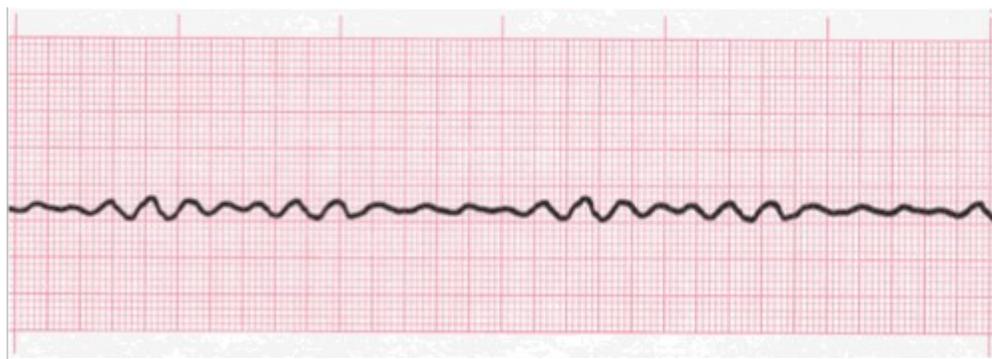
### Arterial Line Quiz - Review the assigned HESI Skills on Arterial Lines:

8. When setting up for arterial line placement, the tubing drip chamber should only be filled halfway.
9. What is one purpose of the arterial line? Needless blood sampling, continuous BP monitoring

### Code Management Quiz – Watch this video first: <https://www.youtube.com/watch?v=90q19HTvm28>

10. What should the nurse do right away if she finds a patient in arrest? Select all that apply
- Call for help,
  - Call for defibrillator
  - START CPR
  - Call the primary health care provider

11. Identify the rhythm on the ECG strip below.



- i. V-FIB

12. Once a code is called and CPR initiated, what things justify interrupting compressions? Select all that apply

- i. Rhythm or pulse check
- ii. Shock
- iii. Ventilations
- iv. Medication administration

13. What joule setting does the manufacturer recommend as the start for the Biphasic defibrillator?

- i. 50-100
- ii. 120-200
- iii. 200-300
- iv. 300-360