

NR 340 Week 6 Assignment: Clinical Simulation Prep Packet

Directions: This assignment is to be completed independently (it is not a group assignment!) and turned in on your assigned clinical simulation day. **Late submissions will not be accepted.** The purpose of this assignment is to prepare you to complete the corresponding clinical simulation scenarios related to coronary artery disease and hypertensive crisis respectively. Resources to complete this assignment include the following:

- A. Lewis Medical-Surgical Nursing, 9th edition. Prevention of osteoporosis (p. 1555) and hip replacement post-operative management (p.1526-1527).
- B. Sole textbook Pulmonary Embolism (p. 423-425) and thrombolytic candidates (p. 382).
- C. Stroke/TPA articles posted on shell

This assignment is worth 50 points.

Susan Weil Simulation Scenario

- 1. What is the nurse's role in providing family centered care during and after a crisis? (1 point)**

The nurse's role in communication with family members and patients is to be involved during and after a crisis. The nurse should share information with family and patient that is clear and avoid using medical jargon, the nurse should also be truthful and show respect for the family and patients needs and listen to what information they have to provide. The nurse should also provide comfort and support to the family members, be aware of family strengths, and have respect for different methods of coping.

2. What pharmacological and non-pharmacological comfort measures can be used for a post-operative patient? (2 points)

Pharmacological: Opioids - morphine, dilaudid, fentanyl

Non-pharmacological: Guided imagery, relaxation or breathing techniques, active listening, re-positioning, and therapeutic touch, sedative music, limit noise and lighting, explanation of all procedures and interventions.

3. What vital nursing assessment data should be gathered on a patient post hip replacement surgery? (3 points)

Pain level (0-10), vital signs, check surgical site dressing for drainage and signs of infections, bowel sounds, lungs sounds and perfusion

4. Describe the major complications that can arise for patients who are post-operative hip injury/replacement? (3 points)

DVT, PE, stroke, infection, falls

5. Describe the pathophysiologic process of a pulmonary embolism. Include the typical origin site of a pulmonary embolism. (3 points)

There is a blockage in a blood vessel that forms a blood clot (thrombus). The thrombus dislodges from the blood vessel and travels through the blood until it becomes stuck in a blood vessel in the lungs and occludes blood flow.

Pulmonary embolism happens most commonly due to mobilization of a clot from deep venous thrombosis in the lower leg.

6. What are 3 signs and symptoms associated with a pulmonary embolism? (2 points)

Shortness of breath (SOB), chest pain, coughing (possibly bloody)

7. What medical treatments can be used to treat a pulmonary embolism? (2 points)

Treatment includes anticoagulants (heparin), thrombolytics (tpa), or possibly surgery.

8. What immediate nursing interventions should the nurse perform for a patient who is experiencing a pulmonary embolism? (3 points)

- ✓ Rapid Response
- ✓ Bed Rest
- ✓ Order for stat chest x-ray
- ✓ Give supplemental oxygen

9. Describe the actions, indications, contraindications, adverse effects, dose range and method of administration for the following medications:

(6 points)

Drug	Actions	Indications	Contraindications	Adverse effects	Dose range	Method of administration
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