

Shock and Bleeding (OEC Book Chapters 8 & 9)

A) Shock Six Pack Outline

1) Set - Water bucket demo of normal circulation & hypovolemic, cardiogenic, & vascular shock

2) Objectives

- 1) Define Shock (Information)
- 2) List types and causes (Information)
- 3) List signs/symptoms (Information)
- 4) Explain shock mechanism (Comprehension)
- 5) Explain counteracting treatment (Comprehension)
- 6) Demonstrate treatment (Application)

3) Content Delivery (Instructor Method)

- 1) Brief lecture – definition/signs/symptoms/types/causes/consequences
- 2) Oral questions to students
- 3) Simulation demonstration

Shock Materials

- Overheads & handouts
- Supplies = blanket, O2, cravats & bandages

4) Learning Activity (Student Practice)

A) Ask students to explain to class (based on their OEC reading)

- What shock does to body
- Why shock is life threatening
- How treatment counteracts shock

B) Break up into small groups for practice simulation of:

- 1) Maintain open airway
- 2) Control bleeding & splint fractures
- 3) Wrap in blanket
- 4) Feet uphill (unless cardiogenic)
- 5) Rothenberg position
- 6) Give oxygen
- 7) Transport to hospital

5) Summary Ask students to:

- Restate objectives (what did we learn tonight)
- Define shock
- List signs & symptoms
- List treatment steps

6) Monitoring and Evaluation

- Instructors monitor performance and provide feedback during student practice tonight
- Students evaluated on knowledge of shock at midterm and final exams

B) Bleeding Six Pack Outline

Set - Simulate instructor cuts self opening bandage box & other instructor does first aid

Objectives

- 1) List types of bleeding (Information)
- 2) List signs/symptoms (Information)
- 3) Explain consequences of bleeding (Comprehension)
- 4) Explain counteracting treatment (Comprehension)
- 5) Demonstrate treatment (Application)

Content Delivery (Instructor Method)

- 1) Brief lecture – bleeding/signs/symptoms/types/causes/consequences
- 2) Oral questions to students
- 3) Simulation demonstration

Bleeding Materials

- Overheads & handouts
- Cravats & bandages & BSI

Learning Activity (Student Practice)

A) Ask students to explain to class (based on their OEC reading)

- Different types of bleeding
- Treatment steps
- How treatments counteract bleeding

B) Break up into small groups for practice simulation of:

- 1) BSI
- 2) Control bleeding
 - A) Direct pressure B) Elevation C) Pressure point D) Tourniquet
- 3) Transport to hospital

Summary Ask students to:

- Restate objectives (what did we learn tonight)
- List types of bleeding
- List treatment steps

Monitoring and Evaluation

- Instructors monitor performance and provide feedback during student practice tonight
- Students evaluated on knowledge and performance of bleeding at midterm and final exams

(submitted N Schiavetti '09)