

## **N202 Unit VI Part 2**

### **Class Preparation Assignment - Trauma Case Study**

#### Patient Profile:

J.B. is a 78-year-old male who was found by his neighbor laying on the ground in his garden. It is unknown how long he has been lying there. It appears he has fallen off the roof while fixing the shingles on his house. His left femur is protruding through the skin. The paramedics report that he was found in a large pool of blood. Additional visible wounds include scattered bruising to head and abdomen.

#### Subjective Data:

- N/A - unresponsive, no family at bedside

#### Objective Data:

- Unresponsive
- BP 60/42, HR 168, RR 14, SpO2 88% on RA, Temperature 94.7 F
- Left femur protruding through skin
- Scattered bruising to abdomen and head
- Scattered abrasions

#### Questions:

1. What potentially life-threatening injuries does J.B. have? Why did you come to this conclusion?  
Possible skull fracture r/t bruising to the face. Possible spleen or liver laceration r/t abdominal bruising. Possible hypovolemic shock r/t hemorrhage and open femur fx.
2. What is the priority of care for this patient?  
Priority of care is to control the bleeding and maintain a patent airway.
3. What diagnostic studies (images & labs) do you anticipate being ordered for this client?  
CT of the head and neck, CT of the abdomen, Xray of L femur
4. Once the client is initially stabilized, the nurse begins to consider additional injuries. What other potential complications/syndromes/injuries may this client be experiencing?  
Compartment syndrome and infection
5. For the identified injury/illness above, what clinical manifestations should the nurse assess for?  
Red, warm, and inflamed extremity / extreme pain and swelling of the limb
6. What treatment measures and nursing interventions does the nurse anticipate for this client?

Sydney Auen

High dose zosyn/BS abx, elevate effected extremity, clean wound