

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?
Internal bleeding due to scattered bruising on abdomen and head, hypovolemic shock due to BP
2. What is the priority of care for this patient?
Putting in 2 large bore IV, establish patent airway, controlling bleeding with tourniquet, maintain neutral alignment , C-spine
3. What diagnostic studies (images & labs) do you anticipate being ordered for this client?
X-Ray, CT, MRI, bloodwork such as CBC and BNP, and coagulation panels
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?
Sepsis hypovolemic shock, internal bleeding, SCI
5. For the identified injury/illness above, what clinical manifestations should the nurse assess for?
Low blood pressure, tachycardia, paralysis, bruising to the back that could indicate internal bleeding, and temperature

6. What treatment measures and nursing interventions does the nurse anticipate for this client?
Vasopressors, C-spine precautions, TXA, intubation, artificial airway, blood transfusion keep the patient warm, control pain