

Courtney
David

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 **lying 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?
Head bleed + stomach bleeding - loss of blood hypovolemic shock
(abd)
2. What is the priority of care for this patient?
Open fx - Sepsis
Airway - unresponsive unknown if airway is maintained
Circulation - due to ↓ body temp → rewarm
3. What diagnostic studies (images & labs) do you anticipate being ordered for this client?
CT - head + abd Xray L femur
CBC - WBC, H+H
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, osteomyelitis, brain swelling, spinal cord injury
5. For the identified injury/illness above, what clinical manifestations should the nurse assess for?
↑ WBC, warm/red skin, pupil fixed, no movement/sensation
6. What treatment measures and nursing interventions does the nurse anticipate for this client?
 - C: collar
 - IV fluids - warmed
 - Oxygen
 - blood products - warmed
 - surgery
 - pain control
 - abx
 - bair hugger