Objectives Examination – Trauma Medical Student

1. What are the priorities in the initial evaluation and resuscitation of the multiple trauma patient?

2. What are the initial x-ray studies for the trauma patient?

3. What is the GCS?

4. What GCS score is associated with severe head injury?

5. What is the overall survival on the trauma service at UVA?

6. What can be diagnosed from the initial chest x-ray?

7. Describe the diagnostic workup and priorities for multiple trauma.

8. Compare and contrast the usefulness of abdominal CT and DPL in the diagnosis of abdominal trauma.

9. Describe which patients with liver and spleen injuries can be observed and which must be operated upon.

10. What causes death after severe pelvic fracture?

11. Briefly describe the concept of cerebral perfusion pressure management for severe head injury.

12. Briefly describe the concept of occult hypoperfusion as it relates to resuscitation of the trauma patient.

13. Which trauma patients have worse outcomes based on their underlying physiology?

14. What is the treatment for a patient with a gunshot wound entering above the umbilicus with no exit wound?

15. What is the difference between a Level I trauma center and a non-designated hospital?

16. What is the treatment for an epidural hematoma with midline shift?

17. What is an open pelvic fracture?

18. What are the basic ventilator modes?

19. What does Dobutamine do?

20. What are the pulmonary effects of ARDS? (shunt, compliance, etc.)

21. What operation is done to explore the abdomen?

22. What is a flail chest, pulmonary contusion?