

HOSA IPE Scenario 2025: Vehicle Accident

Setting: ER

You will be tasked with emergently caring for a 25 y/o gentleman with injuries after a motor vehicle collision. Depending on the care you provide, and how rapidly you provide his care, his condition will improve. If your care is sluggish or not appropriate, you will notice deterioration in his vital signs. You will be required to assess and care for him, to include removing his clothing, controlling bleeding, splinting broken bones, and administer medications and fluids in the appropriate order. There is a twenty-point checklist that will be used to score your team during the competition. You will be given a document and a video to help guide you through a properly run scenario. Teams will need to include the disciplines listed below. Each student will need to know the role of each discipline. Your specific role for the competition will be drawn just prior to the start of your simulation.

Team Leader:

- The conductor normally remains “hands off,” he/she manages all of the participating disciplines. Orders medications and critical actions such as oxygen, and medications. He/she maintains control of the situation. A good leader will not only give feedback to the team, but they also ask for input from them, for example, “does anyone have any other ideas” or “I am unsure of the dose of this medication, do any of you know?”

Nurse 1 & 2

- Confirms patient identification
- Confirms and administers medications
- Gathers vital signs
- Asks about allergies and medications
- Documents interventions and activities, reminds the team when actions need to be taken.

Respiratory Therapy:

- Primarily is in control of the airway.
- Assess the patients airway
- Appropriately administers oxygen via nasal cannula or non-rebreather mask.
- Addresses respiratory distress of the patient

Pharmacy:

- Draws up and prepares medications for use.
- Often times having the medications prepared before they are ordered.
- Medications used in this event will be IV fluids, and pain control medications i.e. fentanyl or morphine.