The student should: (1) outline preparations that must be made to facilitate the rapid progression of assessment and resuscitation of the patient; (2) indicate the need to wear appropriate clothing to protect both the caregivers and the patient from communicable diseases; and (3) indicate that the patient is to be completely undressed, but that hypothermia should be prevented.

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Airway Maintenance with Cervical Spine Protection

V

Step 1. Assessment

- A. Ascertain patency.
- B. Rapidly assess for airway obstruction.

Step 2. Management-Establish a patent airway

- A. Perform a chin-lift or jaw-thrust maneuver.
- B. Clear the airway of foreign bodies.
- C. Insert an oropharyngeal airway.
- D. Establish a definitive airway.
- 1) Intubation
- 2) Surgical cricothyroidotomy
- E. Describe jet insufflation of the airway, noting that it is only a temporary procedure.
- **Step 3.** Maintain the cervical spine in a neutral position with manual immobilization as necessary when establishing an airway.
- **Step 4.** Reinstate immobilization of the c-spine with appropriate devices after establishing an airway.

Breathing: Ventilation and Oxygenation

v

Step 1. Assessment

- A. Expose the neck and chest, and ensure immobilization of the head and neck.
- B. Determine the rate and depth of respirations.
- C. Inspect and palpate the neck and chest for tracheal deviation, unilateral and bilateral chest movement, use of accessory muscles, and any signs of injury.
- D. Percuss the chest for presence of dullness or hyperresonance.
- E. Auscultate the chest bilaterally.

Step 2. Management

- A. Administer high-concentration oxygen.
- B. Ventilate with a bag-mask device.
- C. Alleviate tension pneumothorax.
- D. Seal open pneumothorax.
- E. Attach a CO2 monitoring device to the endotracheal tube.
- F. Attach a pulse oximeter to the patient.

Circulation with Hemorrhage Control

 ∇

Step 1. Assessment

- A. Identify source of external, exsanguinating hemorrhage.
- B. Identify potential source(s) of internal hemorrhage.
- C. Assess pulse: Quality, rate, regularity, and paradox.
- D. Evaluate skin color.
- E. Measure blood pressure, if time permits.

Step 2. Management

- A. Apply direct pressure to external bleeding site(s).
- B. Consider presence of internal hemorrhage and potential need for operative intervention, and obtain surgical consult.
- C. Insert two large-caliber IV catheters.
- Simultaneously obtain blood for hematologic and chemical analyses;
 pregnancy test, when appropriate; type and crossmatch; and ABCs.
- E. Initiate IV fluid therapy with warmed crystalloid solution and blood replacement.
- F. Prevent hypothermia.

Disability: Brief Neurologic Examination

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- Step 1. Determine the level of consciousness using the GCS.
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Exposure/Environmental Control

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Step 1. Completely undress the patient, but prevent hypothermia.

Adjuncts to Primary Survey and Resuscitation

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- Step 1. Obtain ABG analysis and ventilatory rate.
- **Step 2.** Monitor the patient's exhaled CO2 with an appropriate monitoring device.
- Step 3. Attach an ECG monitor to the patient.
- **Step 4.** Insert urinary and gastric catheters unless contraindicated, and monitor the patient's hourly output of urine.
- Step 5. Consider the need for and obtain AP chest and AP pelvic x-rays.
- Step 6. Consider the need for and perform FAST or DPL.

Reassess Patient's ABCDEs and Consider Need for Patient Transfer

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