

## Nursing management for multiple injuries

- Airway management and C-spine protection
- Assess: LOC, V/S,
- History: mechanism of injury
- Detection of traumatic shock
- Notify physician

### No Traumatic shock

- Trauma treatment skill for nurses

### Hypovolemic Shock

- External bleeding
- Signs of hypovolemic shock
- SI  $\geq 0.7$

Class I  
(SI = 0.8)

- Keep warm
- Monitor: V/S, N/S, LOC, O<sub>2</sub>sat., capillary refill time
- Nursing record

Class II  
(SI = 1.0)

- O<sub>2</sub> mask with reservoir bag 10-12 LPM
- Prepare for: definite airway
- Initiate 2 large-bore with warm IV
- Keep warm
- Trauma lab, G/M
- Prepare for: volume resuscitation
- Prepare for adjuncts: NG tube, foley catheter,
- Prepare for: diagnostic tests, surgical treatment
- Monitor: V/S, N/S, LOC, O<sub>2</sub>sat., capillary refill time
- Nursing record

Class III  
(SI = 1.1)

Class IV  
(SI = 1.5)

- O<sub>2</sub> mask with reservoir bag 10-12 LPM
- Keep warm
- Prepare for: surgical treatments
- Prepare for: fluid replacement
- Trauma lab
- Monitor: V/S, N/S, LOC, O<sub>2</sub>sat., capillary refill time
- Nursing record

- Prepare for: definite airway
- Initiate 2 large-bore with warm IV
- Keep warm
- Trauma lab, G/M
- Prepare for: volume resuscitation
- Prepare for adjuncts: NG tube, foley catheter,
- Prepare for: diagnostic tests, surgical treatments
- Prepare for: emergency operation, consent form, medical administration
- Monitor: V/S, N/S, LOC, O<sub>2</sub>sat., capillary refill time
- Nursing record

### Cardiogenic/Obstructive Shock

- Dyspnea, tachycardia
- Decreases breath sound
- Trachea deviation
- Unilateral chest movement
- Paradoxical movement

- O<sub>2</sub> mask with reservoir bag 10-12 LPM or other O<sub>2</sub> supplement
- **If tension pneumothorax:** prepare for decompression
- Prepare for: definite Airway
- Prepare for: cardiocentesis, thoracocentesis, ICD, surgical treatments
- Fluid management, keep warm
- Prepare for: X-ray, CT, diagnostic tests
- Maintain oxygenation
- Monitor: V/S, N/S, LOC, O<sub>2</sub>sat., EKG, capillary refill time
- Nursing record

### Distributive/Spinal Shock

- Paresis
- Paralysis

- O<sub>2</sub> mask with reservoir bag 10-12 LPM
- Fluid management
- Keep warm
- Medication administration
- Prepare for: definite airway
- Prepare for: X-ray, CT, diagnostic tests
- Maintain normotension
- Monitor: V/S, N/S, LOC, O<sub>2</sub>sat., capillary refill time
- Nursing record

### > 2 types of traumatic shock

- hypovolemic, cardiogenic, obstructive, distributive, spinal shock

- O<sub>2</sub> mask with reservoir bag 10-12 LPM or other O<sub>2</sub> supplement
- **If tension pneumothorax:** prepare for decompression
- Initiate 2 large-bore with warm IV
- Keep warm
- Prepare for: definite Airway
- Prepare for: cardiocentesis, thoracocentesis, ICD, surgical treatments
- Prepare for: adjuncts and diagnosis tests
- Prepare for: emergency operation, consent form, medication administration
- If external bleeding: control bleeding, stabilization
- If fracture, immobilization
- Monitor V/S, N/S, LOC, O<sub>2</sub> sat, capillary refill time q 5-15 min
- Inform caregiver, mental support
- Nursing record

Reassessment

Definite care