

**Patient Information:**

9 y/o Male

36kg/79.4lbs

Found lying prone Conscious, Alert, and Oriented (CAO) X 4, unable to move legs

**Mechanism of injury:**

Gunshot

**Chief Complaint:**

Complete paralysis to lower extremities, numbness & tingling to upper extremities, numbness to trunk, moderate to severe difficulty breathing, 10/10 pain to neck and shoulder.

**Presentation:**

Presents with accessory muscle use of intercostal, incontinence, trauma wound with moderate bleeding to mid spine area of neck appears approx. 2cm diameter.

Second wound to left upper extremity with moderate bleeding approx. 5cm laceration.

**Patient Vital Signs: Scenario 1 without Interventions**

Initial Set:

CAO X 4

HR- 106 Regular, Sinus tach

RR- 24 moderate work of breathing, appears agitated

BP- 140/90

SpO2- 95%

Skin- Pale

Delayed capillary refill

CBG- 120

Second Set:

Conscious semi combative, confused

HR 110 Bounding/Regular Sinus tach

RR 30 Moderate to Severe work of breathing Accessory muscle use/Inter coastal

BP 90/50

SpO2 90%

Skin- Pale/Diaphoretic/cyanosis around face/extremities

Delayed capillary refill

Third Set:

Unresponsive

HR 90 Regular Weak Irregular

RR 6 with severe work of breathing/grunting minimal chest rise

BP-70/40

SpO2 88

Death

## **Patient Vital Signs: Scenario 2 with Interventions**

Initial Set:

CAO X 4

HR- 128 Regular, Sinus tach

RR- 24 moderate work of breathing, appears agitated

BP- 140/90

SpO<sub>2</sub>- 95%

Skin- Pale

Delayed capillary refill

CBG- 120

Second Set:

Conscious semi combative, confused

HR 120 Bounding/Regular Sinus tach

RR 30 Moderate to Severe work of breathing Accessory muscle use/Inter costal

BP 90/50

SpO<sub>2</sub> 90%

Skin- Pale/Diaphoretic/cyanosis around face/extremities

Delayed capillary refill

Third Set:

Unconscious/Unresponsive

HR 100

RR 16 Intubated

BP 90/50

SpO<sub>2</sub> 95

CO<sub>2</sub> 25mm/hg

Skin- Pale/Diaphoretic/cyanosis around extremities

Delayed capillary refill

### **Expected Interventions:**

- Scene Safety
- Bleeding Control/Circulation
- C-Spine Collar/Long Back Board
- Airway Nasal Cannula/BVM/ETT
- IV administration
- IV Fluids Normal Saline
- Rapid Sequence Intubation
- Shock Treatment
- Expedited Transport

## **Normal Vital Signs for 36kg/79.4lbs**

HR 70-110 BPM

RR 16-20 RPM

BP Systolic 90-120 mm/hg

ETT Size 6.0

Laryngoscope Blade 3 Straight

BVM Adult

BP Cuff adult

Suction Catheter 12-14 French

IV 16-20

IV Fluids 20ml/kg = 720ml

### **Medication Dosage:**

Atropine 0.5mg

Etomidate 0.3mg/kg = 10.8mg

Midazolam 0.1mg/kg = 3.6mg

Succinylcholine 1.5mg/kg = 54mg

Vecuronium 0.1-0.2mg/kg = 3.6-7.2mg

Fentanyl 1-2mg/kg

Morphine 0.1-0.2mg/kg

### **Story Line:**

911 receives call of unknown armed assailant at Oak Heights Elementary. Call taker hears shots fired/screaming/male voice, phone disconnects. PD dispatched.