

# Carotid Restraint Control Hold

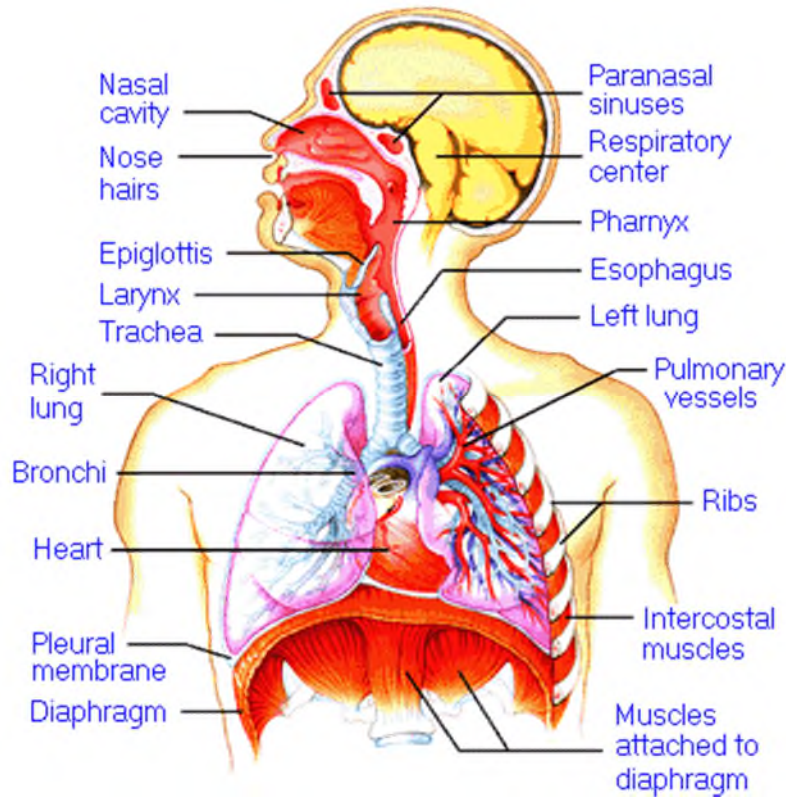
# Description

- The Carotid Restraint Control Hold is a neck constraint where the officer uses continuing lateral compression of the Carotid Arteries at the sides of the suspect's neck which results in the suspect's loss of consciousness.

# Carotid Restraint Control Hold

- Method of controlling violently resisting suspect
- Immediate compliance or control
- One force option in Force Continuum
  - Medium level of force
  - Department Policy

# How it works...



- Carotid Arteries supply 70-80% of the oxygenated blood to the brain. Flow is impeded causing brain to overheat and blood pressure reduction forcing the body to shut down.

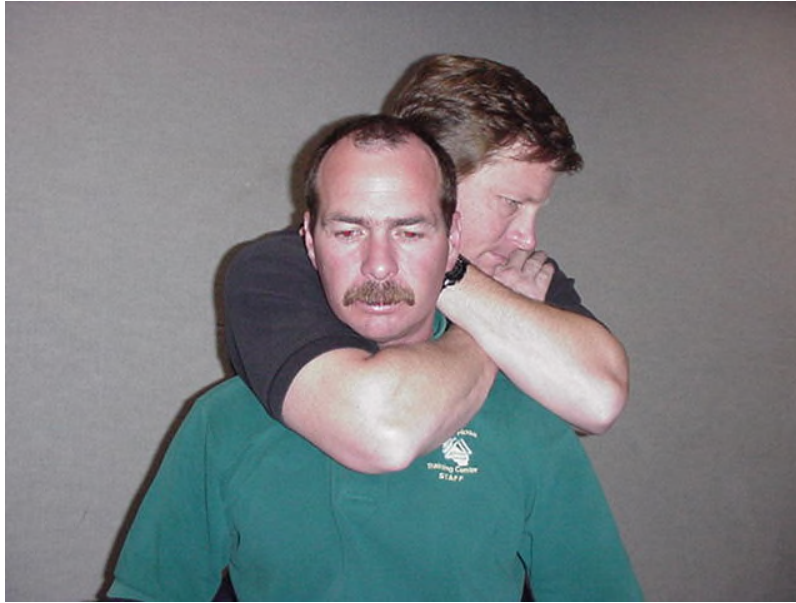
# Hazards with proper application

- Cardiac arrest
- Stroke
- Other forms of tissue damage

# Hazards to consider...

- Frontal Pressure
- Time frames
- Vagus nerve
- Age of the suspect

# Frontal pressure



- Not a bar-arm choke hold
- Rupture, fracture or collapse of the larynx or trachea
- Fracture of the hyoid bone, tip of the thyroid cartilage, or hyoid bone

# Time frames...

5-15 seconds

- 20-30 seconds
- 30 seconds
- 90 seconds medical emergency if not regain consciousness
- 2 hour critical observation period
- 24 hours to fully recover



# Vagus nerve

- Runs parallel to carotid arteries
- Regulator of the heart
- Stimulation of this nerve slows heart rate and reduces blood pressure
- Avoid over-stimulation
- Don't apply more than once in 24 hour period
  - unless emergency

# Age of suspect

- Under 14
  - Body not fully developed
  - Over 63
  - Body deteriorating

# Side effects

- Convulsions
- Vomiting or gagging
- Salivation
- Nose bleeds
- Burst capillaries in eyes
- Staring with glazed eyes
  - Loss of bowel or bladder control
- Disorientation
- Reduced blood pressure, pulse rate and respiratory rate

# Procedures for handling after applying Carotid Restraint

- Release the hold,
- Handcuff the suspect,
- Check vital signs,
- Administer first aid if necessary,
- Search the suspect,
- Notify other officers
- Obtain medical clearance