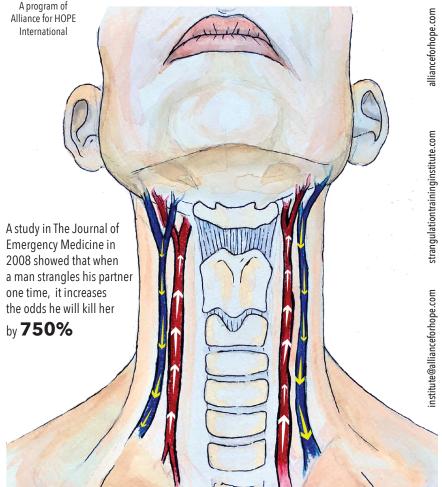


# **STRANGULATION**

## A Quick Reference Guide



## STRANGULATION Is A High-Lethality Crime

Strangulation is a form of asphyxia (lack of oxygen) characterized by closure of the blood vessels and or air passages of the neck as a result of external pressure on the neck. Absence of a visible injury is common while symptoms of internal injuries may be present.

Information provided courtesy of Dr. George McClane, Dr. Dean Hawley, Dr. Ralph Riviello, Dr. Bill Smock, Dr. William Green and Gael Strack JD 2023

#### **SYMPTOMS** OF STRANGULATION

Loss of consciousness
Vision changes: "spots,"

"tunnel vision"

Altered mental status: "dizzy," "confused," "lightheaded"

**Breathing difficulty** 

**Incontinence** (bladder or bowel)

**Neurologic symptoms**: seizurelike activity, stroke-like symptoms, headache, tinnitus, amnesia

**Neck tenderness** or pain/sore throat/pain with swallowing

Changes in voice: unable to speak,

hoarse or raspy voice

**Changes to hearing** 

### **SIGNS** OF STRANGULATION

#### Redness of the neck

- may be fleeting

Scratch marks or abrasions

## Ligature marks or bruises

- may not immediately appear

## Tiny red spots (Petechiae)

- ruptured capillaries. Found anywhere above the area of constriction. (Jugular restriction)

## Fingertip bruises

- circular and oval and often faint.

## **Blood red eyes**

- due to capillary rupture in the white portion of the eyes

## Swelling of the neck

- may be caused by any one or combination of the following: internal bleeding, or an injury of any of the underlying neck structures

## **STAGES** OF STRANGULATION

| Disbelief (Pain) | Can't believe they are being strangled. Very short duration.  |
|------------------|---|
| Primal (Panic)   | Fights with whatever means to stop the strangling. Ask the victim if they were able to get away/stop the attack. This may explain injuries. |
| Resignation      | Gives up, feeling they can do nothing and go limp. Ask the victim what they were thinking about. What did they think was going to happen?   |

## INDICATORS OF LOSS OF CONSCIOUSNESS

Loss of memory.

Gap in memory

Unexplained injury

Standing, then waking up elsewhere

A witness to the LOC

Bowel or bladder incontinence
Neurologic seizures

#### VICTIMS WHO DECLINE MEDICAL CARE

Discuss warning signs Encourage victim to seek medical attention Do they have someone at home to monitor them?

Next 24-48 hours are critical
Advise victim to log later symptoms

## **INTERVIEWING TRAUMA VICTIMS**

Trauma physically changes the brain and memory. The Hippocampus, where memory is stored is very sensitive to a lack of oxygen.

### Trauma Can Cause:

- Immediate triggering of chemicals.
- Chemicals influence perception, reaction and memory.
- Memory becomes fragmented and is stored differently.

## **Pro Tips:**

- 1. Ask the victim what they can remember.
- 2. They will remember more days later.
- 3. Let them tell their story without interruption.

## FOLLOW-UP QUESTIONS

- 1. Tell me how you feel now
- 2. Have any new injuries appeared?
- 3. Do you feel pain anywhere-Describe.
- 4. Does your voice sound the same?
- 5. Is there any different feelings when you eat? Describe.
- 6. Does it feel any different when you swallow? Describe.
- 7. What is different now than before the assault? Describe.

- 8. Have you heard from the suspect?
- Tell me what you remember about the assault. (Looking for more details)
- 10. Have they tried to/put pressure on your neck in the past?
- 11. How can I contact you if you change your phone or address?
- 12. Is there anything you want to talk about that we have not discussed?

## QUESTIONS AT A STRANGULATION SCENE

- 1. How do you feel now?
- 2. Are you having any difficulty breathing?
- 3. At any time did they place their hands or other object on your neck?
- 4. Do you think you lost consciousness?
- 5. What is the last thing you remember while the pressure was on your neck? What did you remember immediately next. (LOC)
- 6. Did you vomit, urinate or defecate during this incident?
  Were you aware of when this happened or did you realize later?
- 7. Were you held against a wall, floor or other surface?
- 8. Can you describe how you were strangled? Could you demonstrate on this wig head?
- 9. Did your feet ever leave the ground while you were being strangled?
- 10. Did they shake you by the neck?
- 11. Was the strangling brief or lengthy? Could you estimate how long?
- 12. How much pressure was used?

  Describe it on a scale of 1-10. Was it continuous?
- 13. Can you tell me about any vision changes?
- 14. Did you or do you currently have any change with your hearing?
- 15. Does your voice sound any different?
- 16. How does your throat feel now? Describe.
- 17. Are you having any trouble swallowing?
- 18. Do you recall what were you thinking about while there was pressure on your neck?
- 19. Can you describe how you felt while being strangled?
- 20. Were you able to try and stop them?
- 21. What did they say to you if anything? Before During Afterwards
- 22. What caused the person to stop?
- 23. Was the person wearing any rings?
- 24. Do you notice anything different about your complexion now that is different than before the strangling? (Petechiae)
- 25. How many times were you strangled in this event?
- 26. Have they ever put pressure on your neck in the past? When, where and what happened.
- 27. Any object used? Document where the object came from. Photograph, process and book the item as evidence.

## 28. Encourage medical treatment.