



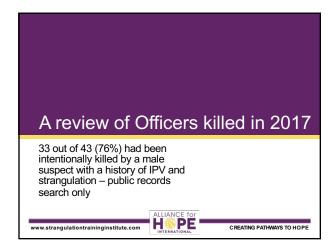
## 2013 Treasure Valley (ID) Study Evaluated ten officer-involved critical incidents where officer shot a suspect or suspect shot an officer 80% of suspects with domestic violence history Non-fatal strangulation history in 30% Based only on public records history More research needed We all should be looking for it/tracking it

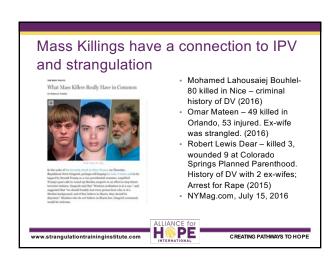
### Riverside County District Attorney's Office 2013 Study by Gerald Fineman, J.D.

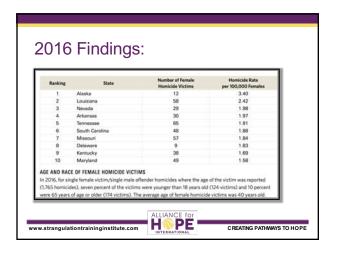
- · Law enforcement officers killed in the line of duty
- 1993-2013
- 50% of officers were killed by a criminal suspect with a public records act history of strangulation assault against a woman in a prior relationship













#### The Last Warning Shot

- In a study of 494 women who came into Chicago hospitals and clinics for any reason and who said they had experienced IPV in the past year, 47.3% had experienced at least once incident in the past year in which her partner had tried to choke or strangle her" – Glass 2008
- "There was no difference between women who were not killed and the women who were killed in having experienced prior choking or strangulation"

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#### Intimate Partner Homicide: New Insights for Understanding Lethality and Risks

- Sheehan, Murpy, Moynihan, Dudley-Fennessey
   & Staplelton, Violence Against Women, 2015
- Study out of Old Dominion University and the University of New Hampshire
- Interviewed families/friends of 14 homicide victims, reviewed police reports, news releases
- Identified acute risk factors (static/acute):
  - Changes in the perpetrators' behavior (escalating)
  - Perpetrator's perceived loss of control
  - Barriers victims faced when accessing services

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#### Acute Risk Factors

- · Recent stalking
- Change in custody
- · Victim's decision to leave
- Recent serious incident of physical abuse that resulted in calling the police
- Non-fatal strangulation assault immediately prior to the homicide
- Perpetrator's cancellation of meeting with divorce attorney
- · Confrontation with the victim about perceived affair
- Perpetrator's communication of a threat to a third party

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## American Journal of Public Health Study of DV & Guns

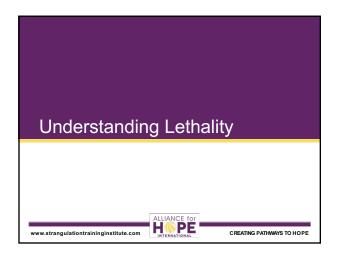
- ■DV offenders with firearms are 5-8 times more likely to kill their partners than those without, and nearly 8 times more likely to use firearms in threats.
- ■665 firearms were recovered from 164 people in San Mateo and Butte counties in California.
- ■The new screening protocol worked in improving the process for retrieving weapons from DV offenders. No reports of injury or death.
- UC Davis article: http://www.ucdmc.ucdavis.edu/publish/news/newsroom/8529
- Link to journal: <a href="http://aiph.aphapublications.org/doi/abs/10.2105/AJPH.2013.301484">http://aiph.aphapublications.org/doi/abs/10.2105/AJPH.2013.301484</a>

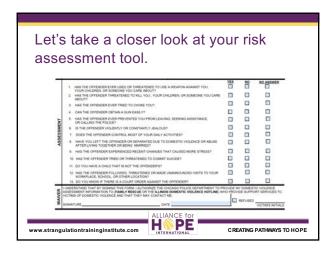
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Case Western Report, Cleveland, Ohio Study (May 2018)

Study of DA 11

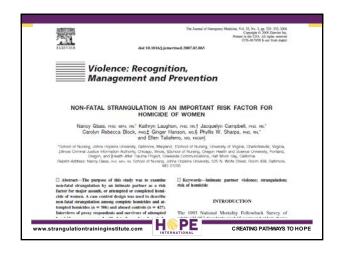
Cleveland High Risk Team – Homicide Prevention Initiative

45% were at high risk

88% were strangled

88% had been threatened with murder

89% believed their abuser was capable of killing them

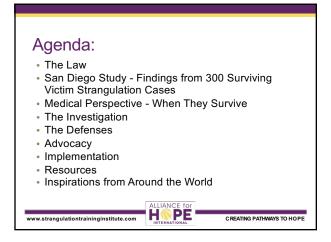


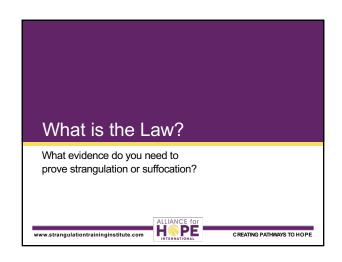
Victims of prior strangulation are 750% more likely of becoming a homicide victim.
 (Glass, et al, 2008).















#### VAWA 2013

- Gave tribal governments jurisdiction to prosecute non-natives for DV.
- Made strangulation/suffocation a felony.
- Strangulation is defined as "intentionally knowing, or recklessly impeding the normal breathing or circulation of the blood of a person by applying pressure to the throat or neck, regardless of whether that conduct results in any visible injury or whether there is any intent to kill or protractedly injure the victim"

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#### Federal Sentencing Guidelines

- "Comment and testimony that the Commission received indicated that strangulation and suffocation in the domestic violence context is serious conduct that warrants enhanced punishment regardless of whether it results in a provable injury that would lead to a bodily injury enhancement; this conduct harms victims physically and psychologically and can be a predictor of future serious or lethal violence.
- 79FR25996, doc No. 2014-10264

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#### Federal 18 USC 113 - VAWA 2013

- TITLE 18 USC **¤ 113**
- ASSAULT WITHIN MARITIME AND TERRITORIAL JURISDICTION
- (a) Whoever, within the special maritime and territorial jurisdiction of the United States, is guilty of an assault shall be punished as follows:
- (8) Assault of a spouse, intimate partner, or dating partner by strangling, suffocating, or attempting to strangle or suffocate, by a fine under this title, imprisonment for not more than 10 years, or both.

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#### Dean's Law



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- Signed into law August 2018 by President Trump
- John S McClain National Defense Authorization Act 2019
- Effective Jan 1, 2019
- Adds strangulation and suffocation to the Uniform Code of Military Justice

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#### Other laws:

- · States added Chest/Torso:
- Mississippi (2010), Indiana (2017), Kansas (2017), Utah for child abuse (2017) and Oregon (2018)
- Tribal
- Colville Confederated Tribe (2013), Cherokee Nation, OK (2014) and Yavapai-Apache Nation (2016) Plus 20
- Territories
- Virgin Islands (2010) and Guam (2016)
- Bail
  - Ohio (Amy's Law 2006), Illinois (2009, Diane's Law, 2014), Louisiana (Gwen's Law) and Pennsylvania (Tierne's Law, 2018)
- Sentencing
- Idaho (2018)





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## Favorites

#### **Favorite Statutes**

- Virginia's no-bail presumption for individuals arrested for strangulation
- Ohio's comprehensive bail statute that allows judges to consider a long list of important factors including the seriousness of strangulation
- Wisconsin's statute that defines petechia as a form of substantial bodily harm
- Wisconsin's statute that transfer present a surface of the statute flow of oxygen or blood by intentionally applying pressure on the neck, throat or chest of another person by any means or to intentionally block the nose or mouth of another person by any means."
  - Mississippi Statute on Chest Pressure
- Massachusetts' strangulation law protects pregnant victims and victims with protection orders with a penalty of up to 10 years in prison
- ssachusetts Statute on Pregnant Victims and Protection Orders MAWA 2013 under 18 USC 113 equipes no injury for a conviction for strangulation and/or suffocation and provides for a 10-year maximum sentence

  VAWA Strangulation/Suffocation Statute.
- California's newest strangulation bill will require law enforcement officers to give victims a warning about the seriousness of non-fatal strangulation assaults
- California Strangulation Warning Law.

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#### SB40 (Roth) enrolled 9-1-17

- DUTY TO WARN: New law requires a statement informing the victim that strangulation may cause internal injuries and encouraging the victim to seek medical attention.
- DUTY TO TRACK: New law requires documenting when the incident involves strangulation or suffocation.

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#### Draft advisal from law enforcement:

"I have a duty to warn you that strangulation is serious and can cause internal injuries, brain damage and/or delayed health consequences such as strokes, thyroid issues, miscarriage and/or death. Research shows that if you strangled even one time, you are 750% more likely to be killed by your partner. We strongly encourage you to seek immediate medical attention at an emergency department and ask for support from an advocate.'

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## International PE www.strangulationtraininginstitute.co CREATING PATHWAYS TO HOPE

#### Australia

- New South Wales, Queensland, Tasmania, the Australian Capital Territory (ACT) and the Northern Territory have all long had offences specific to strangulation similar to that in the United Kingdom—it is an offence to cho

- Despite this, in 2014, New South Wales amended its Crimes Act to include a simple offence of strangulation without the requirement to prove the intent to commit another offence, as follows:

  Choking, suffocation and strangulation
  Choking, suffocation and strangulation
  of the person to as to render the other person unconscious, insensible or incapable of incipabile of mediators as to render the other person to unconscious, insensible or incipabile of incipabile of presistance. incapable of resistance.
- Maximum penalty: imprisonment for 10 years. A person is guilty of an offence if the person:
- A person is guilty of an offence if the person: chokes, suffocates or strangles another person so as to render the other person unconscious, insensible or incapable of resistance, and does so with the intention of enabling himself or herself to commit, or assisting any other person to commit, another indictable offence.
- Maximum penalty: imprisonment for 25 years

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#### Australia

- In this section: another indictable offence means an indictable offence other than an offence against this
- In late September 2015, the ACT Attorney-General introduced the Crimes (Domestic and Family Violence) Amendment Bill 2015, which, if enacted, will amend the existing offence of an "act endangering health" in section 28 of the Crimes Act 1900 (ACT) to provide that
- "a person who intentionally and unlawfully chokes, suffocates or strangles another person is guiltyof an act endangering health".
- That offence is not restricted to family violence circumstances and carries a maximum penalty of five years' imprisonment.

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#### Canada

- · In 2006, following several states in the United States enacting specific In 2006, following several states in the United States enacting specific strangulation offences, the Uniform Law Conference of Canada established a working group to examine the feasibility of a distinct offence of strangulation and whether existing provisions adequately address the seriousness and significance of that specific conduct.

  That group concluded that the existing provisions of the Criminal Code were adequate to address the issue of strangulation, and while a discrete offence may help to document a prior history of strangulation, that alone did not justify the creation of a new offence.
- The group also found that, while there was evidence that strangulation serves as a marker for increased risk of future violence, that proposition
- was not without controversy. In reaching its conclusion, the working group found that strangulation that did not result in physical evidence of harm could nonetheless be prosecuted as an aggravated assault that "endangered the life" of the victim.

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#### Canada

- Under the Canadian Criminal Code, the offence of aggravated assault is:
- Every one commits an aggravated assault who wounds, mains, disfigures or endangers the life of the complainant.
- This offence carries a maximum penalty of 14 years' imprisonment (longer than many of the specific offences in the United States), and an attempted aggravated assault carries seven years.
- The working group found that the medical literature supports the contention that strangulation will endanger the life of the victim and, as such, that offence provides an adequate response to the issue.

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#### The United Kingdom

- The United Kingdom has long had an offence of "attempting to choke, suffocate or strangle in order to commit an indictable offence". The offence applies in all circumstances, not just family violence.
- In November 2015, the Law Commission (of England and Wales) published a Report examining the Offences against the Person Act 1861 (UK).
  That Report concluded that the offence of attempting to choke
- was needlessly specific and that behavior prosecuted under that offence could generally be prosecuted under other
- Consequently, it recommended that the offence be abolished without replacement. The Report did not address a specific offence of strangulation in the context of family violence.

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#### Passing a law is easier than implementing it

We need leaders!

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#### Making New Friends



#### This work is about relationships. We need each other.

Non-fatal strangulation has been a neglected area in the legal, medical and research fields. We are still learning! We need to work together to advanced our knowledge, promote victim safety and offender accountability.

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#### Let's make new friends:

- Find someone you don't know
- What do they do?
- · Why are they here?
- What do they want to learn?
- · What's their goal from this training?

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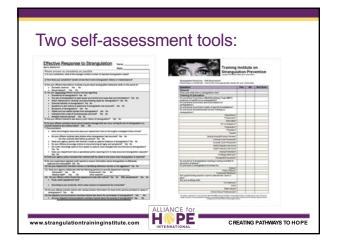
Today, think about your response to strangulation assaults.

- · What's happening?
  - Arrests being made?
  - Quality of the investigations?
  - Cases being prosecuted?
  - Any problems with "consent"?
  - Sentences reflect the crime?
  - Victims understanding medical consequences?
  - Offenders receiving adequate supervision?
  - Increased awareness about the seriousness of strangulation?

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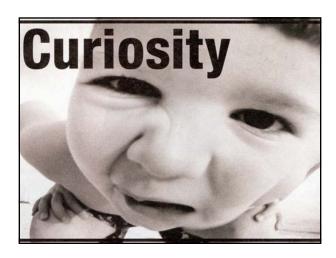




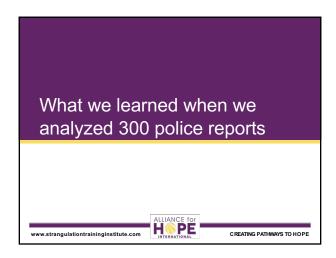
## In Memory of Casondra Stewart and Tamara Smith











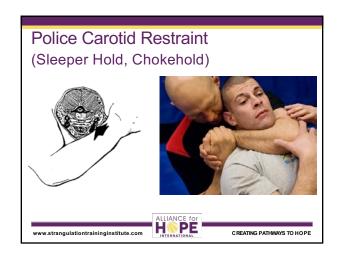




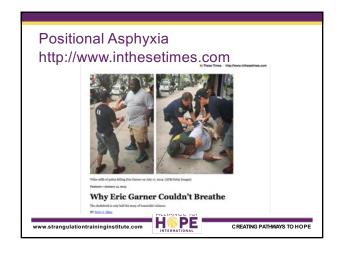


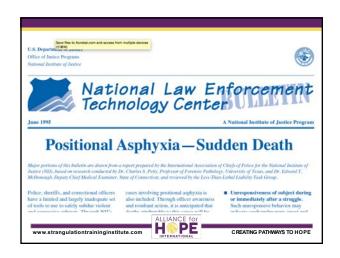


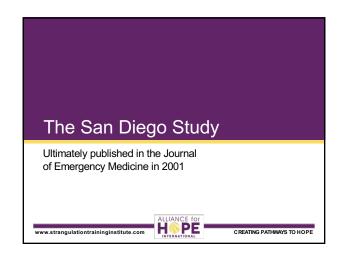












#### Journal of Emergency Medicine in 2001 Published Six Articles on Strangulation

- 1 Walking and Talking Victims
- 2 Survey Results of Strangled Women
- 3 Review of 300 Cases Legal Issues
- 4 Review of 300 Cases Clinical Eval
- 5 Review of 300 Cases Fatal Cases
- 6 Effect of Multiple Strangulation Attacks



#### Walking & Talking Victims Dr. Taliaferro

- Previously thought that most victims "sustain immediate fatal asphyxiation, brain anoxia or cardiac arrest and are usually examined by a forensic pathologist"
- Only in the last decade that physicians working in IPV have begun to realize that surviving manual strangulation is much more common



#### Walking & Talking Victims

- All patients with a history of strangulation should be monitored in an intensive care setting for at least 24 h.
- Many "walking and talking" strangled victims are underreported in the legal and medical literature and their history of strangulation, when it is reported, is often discounted and ignored.



### Survey Results of Strangled Women – Dr. Wilbur

- Three locations: Parkland Health, Shelter in Dallas and Shelter in LA
- Strangulation occurred 3.1 years into rel.
- 87% had been threatened with death
- 88% experience other types of abuse
- 70% thought they were going to die
- 24% of the abuser had a history of strangulation in prior relationship



## Survey Results of Strangled Women – Dr. Wilbur

- 39% incident witnessed by friends/family
- 49% sought protection order
- 13% were strangled after the order
- 29% sought medical help after being strangled
- 5% required hospitalization for respiratory distress and upper left extremity paralysis
- Physical manifestations appeared within two weeks of the incident



#### Review of 300 Cases - Strack

- Casey Gwinn asked: What evidence can be obtained to prove that a surviving victim had been strangled – even when the victim recants?
- 99% of the suspects were male
- 97% victims were manually strangled
- 41% children witnessed (50% present)
- 89% had a history of violence



#### Review of 300 Cases - Strack

- 50% of victims had no visible injury
- Another 35% had injuries too minor to photograph
- Only 15% had a photograph of an injury sufficient to be used in court
- MOST VICTIMS DID NOT HAVE EVIDENCE OF VISIBLE EXTERNAL INJURY
- · Most victims at high risk of future violence
- We had no training. No idea what to look for, ask or collect.

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#### Effect of Multiple Strangulation Attacks

- Dr. Smith
- Most victims suffer injuries to the neck, throat and face
- Many victims present with no visible signs of injury, yet may have fractures of the hyoid bone, larynx, tracheal rings, carotid tears and occlusions.
- Many victims complain of pain, swelling and voice changes.

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#### Effect of Multiple Strangulation Attacks

- Dr. Smith
- Swelling to the neck develops within 24 to 48 h
   of the attack and has the potential for lethality
   because of occlusion of the airways
- Traumatic injuries to the neck can result in carotid dissections and occlusions
- Frequency of these problems is significantly increased in victim that survives multiple strangulation attacks

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#### **New Bibliography**

 Created in partnership with BOISE State, Alliance for HOPE International, our Medical Advisors and good friend Dr. Annie Lewis-O'Connor



Strangulation Bibliography 2016

The institute on Strangulation Prevention would like to thank the following people for their contributions to this bibliography. Or been levely, or, foregrey McClane, Dr. Elm falluferro, Dr. William Green, Dr. Ralph Riviello, Dr. William Smock, Dr. Michael Weaver and Dr. Annie Lewis-O'Connor. The Institute also thanks the Boile-State University School of Nursing for their collaboration on this project, especially Associate Professor Max Vettman and Michael Gerritsen. A special thank you to Rebecca Levelace for making our collaboration possible.

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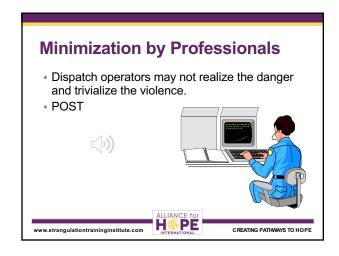
# Minimization by Victims Let's listen in... ALLIANCE for CREATING PATHWAYS TO HOPE

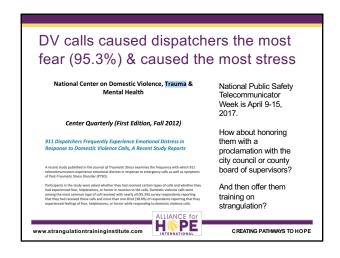
#### **Minimization by Victims**

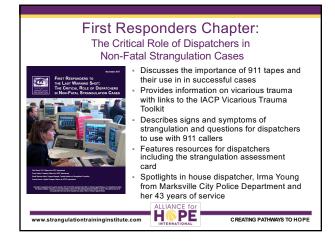
- Victims may not understand the danger and maybe reluctant to seek medical attention.
- "He didn't really choke me, he just had me in a headlock and I couldn't breathe."
- Plattsburgh, NY
- Santa Clara County policy is to roll out the paramedics on each case

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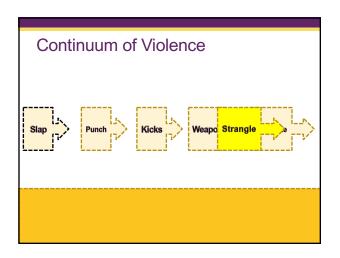


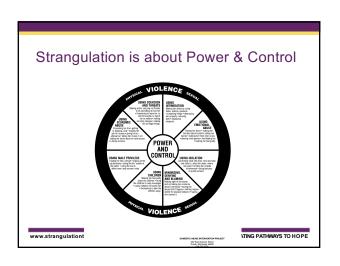












#### Strangulation is terrorizing

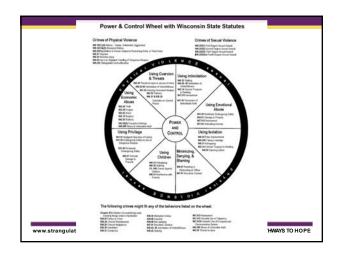
- Like drowning, "The panic is mixed with an odd incredulity that this is actually happening.
   Having never done it before, the body – and the mind – do not know how to die gracefully.
   The process is filled with desperation and awkwardness.
  - (Banzett, Lansing, Evans, & Shea, 1996.)
- Nonfatal strangulation might well be the equivalent of water boarding, widely considered as torture. Both leave few marks, both can result in loss of consciousness, both are used to assert dominance and authority over the life of the other, both create intense fear and potentially result in death and both can used repeatedly, often with impunity.
  - NFS, a Human Rights Issue; Sorrenson, Joshi and Sivitz 2014

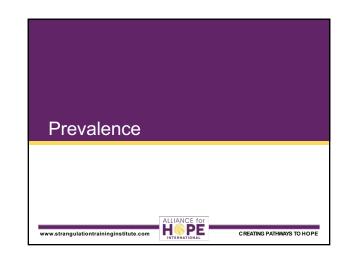
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#### Of all DV Cases:

- Ramsey County, Minnesota benchmarked strangulation cases before and after the new strangulation law in 2005
  - Before the strangulation law: 15%
  - After the strangulation law: 30%
- Survival or Suffocation: Can Minnesota's New Strangulation Law Overcome Implicit Biases in the Justice System? (2007) 25 Law & Ineq. 253 by Archana Nath
- Pritchard (2016) Florida Study of 591 DV cases strangulation identified in12%; potentially 17%

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A Comparison of Intimate Partner Violence Strangulation and Injury between Same-Sex and Different-Sex Couples (Messing, Thomas and Ward-Lasher, ASU) - Pending

- Studied 19,429 police reports over 2-year period from a single police department
- Strangulation was documented in 7.4% (n=1,438) of all IP-DV cases, and in 5.2% (n=75) of IP-DV among same-sex couples
- Strangulation was reported significantly more often in different-sex (9.8%) than in female and male same-sex couple cases (5.2% and 5.3%, respectively;
- Injury, however, was reported more frequently in same-sex than in different-sex couples.
- Couple configuration, coercive control, and injury significantly predict strangulation.
- Findings suggest that nonfatal strangulation occurs within at least a minority of same-sex couples, and that under-detection by law enforcement may make it appear less common than it actually is.

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- 79% Oklahoma Study
- 68% Wilbur Study
- 62% New Orleans FJC
   & Tarrant County FJC
- 71% 2014 Study –
  Police Departments'
  Use of the Lethality
  Assessment Program: A
  Quasi-Experimental
  Evaluation



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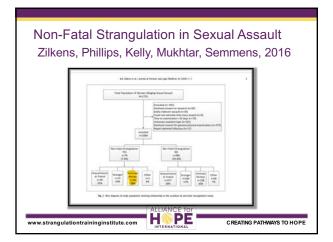
#### Prevalence - Sexual Assault & NFS

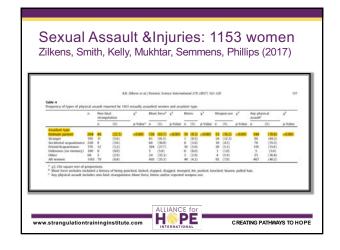
- 58% Zilkens (2015) IPV & SA
- 44% Gill (2013) Homicide cases
- 35% Plattner (2005)
- 15% Green (2013)
- 18% TRO Study (2014)
- 16% New Orleans FJC (2015)
- 12% Mcquown (2016)
- Given the variation in these statistics, we need more research to find out the true prevalence which can only be done with more consistent and reliable statistics.

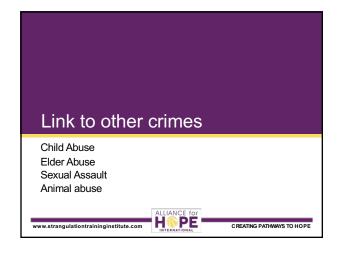
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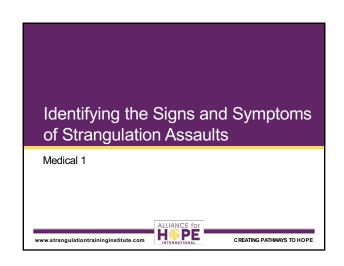
#### Summary

- Strangulation is THE LAST WARNING SHOT.
- · Victims are 750% more likely to be killed.
- Men who strangle women are linked to shooting and kill police officers and now mass shootings
- We need to take the guns away from certain individuals. It's our last opportunity.
- We all have a duty to warn victims and hold stranglers accountable for the crimes they commit.
- We need leaders. We need to work together
- We have made great progress, but we can still do more to improve our response.

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#### Definition

 Strangulation is a form of asphyxia characterized by closure of the blood vessels and/or air passages of the neck as a result of external pressure on the neck

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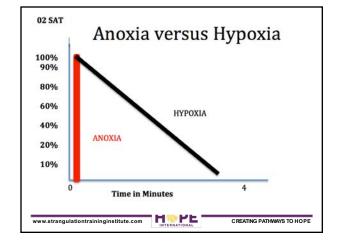
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#### **Key Terms**

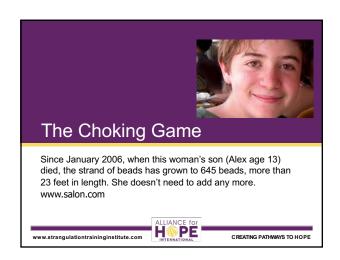
- Hypoxia (hy-pox-i-a):
  - Deficiency in the amount of oxygen reaching the tissue.
- Anoxia (a-nak-se-a):
  - Absence of oxygen supply to tissue
- Asphyxia (as-phyx-i-a):
  - A condition arising when the body is deprived of oxygen causing unconsciousness or death; suffocation.

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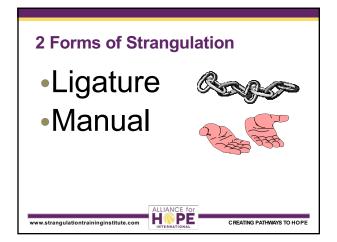
#### **Suffocation**

- Obstructing oxygen from getting into the lungs
- Sealing off the mouth and nose by manual compression
- Duct tape over face
- Head inside plastic bag
- Pillow over mouth and nose
- Sitting on chest

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#### 3-2. Strangulation – Military Manual

- Strangulation is a most effective method of disabling an opponent. The throat's vulnerability is widely known and should be a primary target in close-range fighting.
- Your goal may be to break the opponent's neck, to crush his trachea, to block the air supply to his lungs, or to block the blood supply to his brain.

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#### Trachea

 a. Strangulation by Crushing. Crushing the trachea just below the voice box is probably one of the fastest, easiest, most lethal means of strangulation. The trachea is crushed between the thumb and first two or three fingers.

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#### Military - Air Flow

 b. Respiratory Strangulation. Compressing the windpipe to obstruct air flow to the lungs is most effectively applied by pressure on the cartilage of the windpipe. Unconsciousness can take place within one to two minutes. However, the technique is not always effective on a strong opponent or an opponent with a large neck. It is better to block the blood supply to weaken the opponent first.

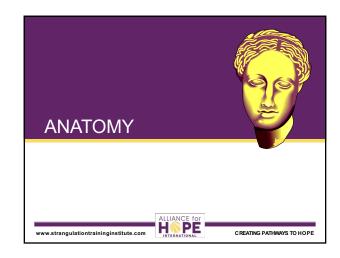
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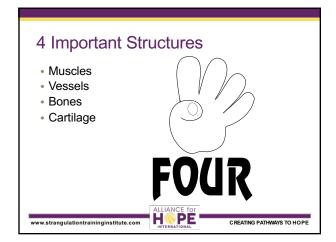


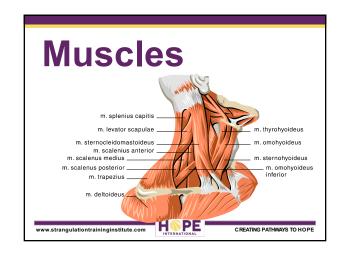


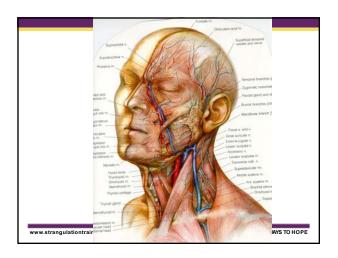
 c. Sanguineous Strangulation. Cutting off the blood supply to the brain by applying pressure to the carotid arteries results in rapid unconsciousness of the victim. The victim can be rendered unconscious within 3 to 8 seconds, and death can result within 30 to 40 seconds.

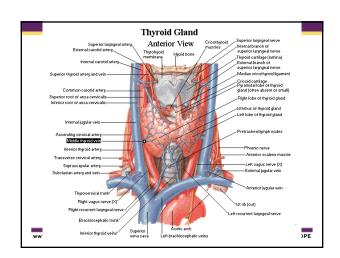
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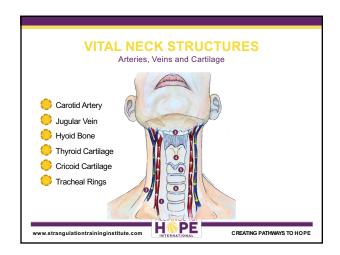


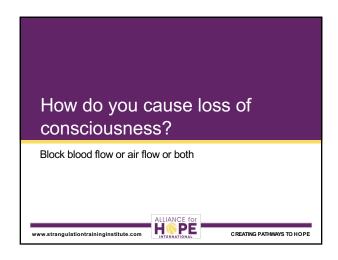


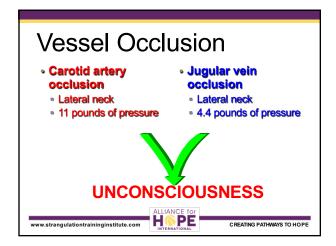


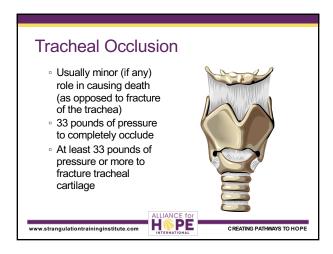


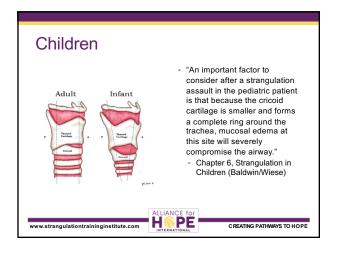


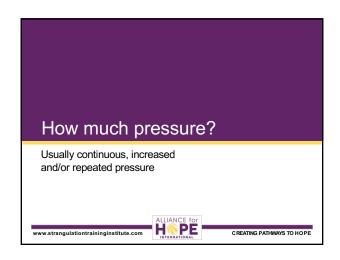


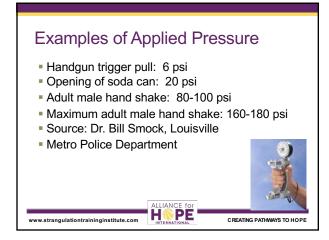


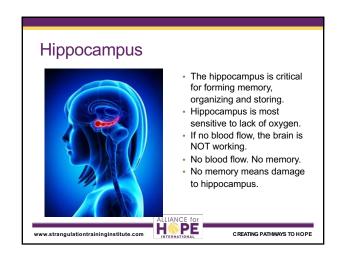


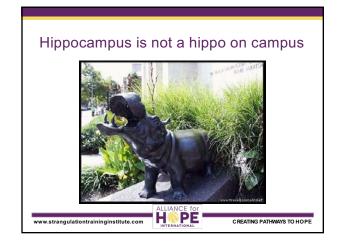


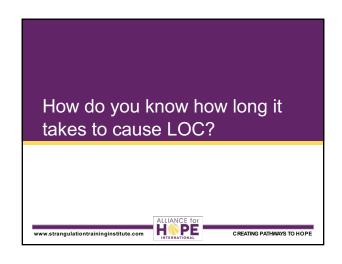


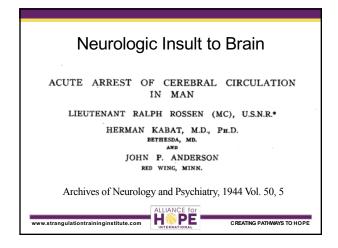


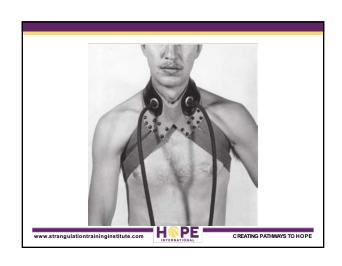












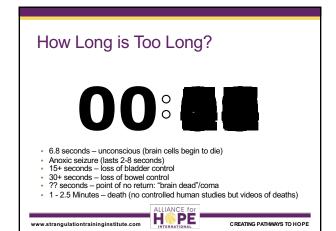
#### "Acute Arrest of Cerebral Circulation in Man"

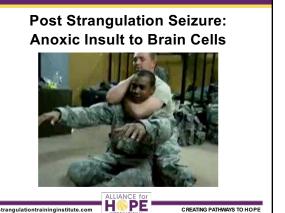
- "Acute arrest of circulation in the human brain was studied in 11 schizophrenic patients and in 126 normal young male subjects (inmates)"
- · More than 500 controlled strangulations
- "The neurons in the brain are the cells of the body most sensitive to anoxia."

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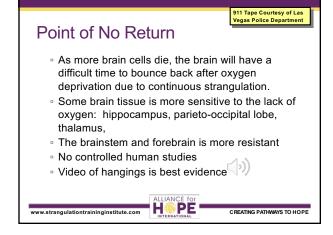


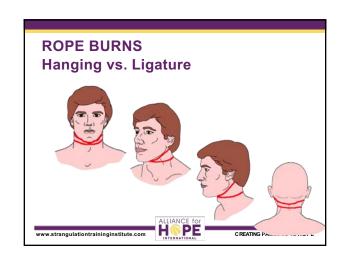
#### **Evidence of Alterations of** Consciousness = Anoxic Injury Brain Injury in Battered Women, Journal of Consulting and Clinical Psychology, 2003, Vol. 71, No. 4, 797-804 · A period of dizziness · Felt stunned or disoriented Seen stars or spots (visual impairment) · Loss of consciousness or blacked out · Loss of memory

• Standing up one minute then waking up on the floor

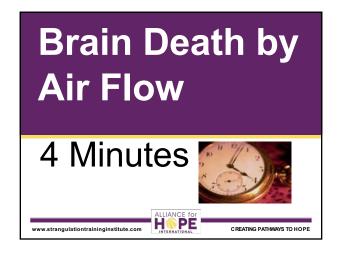
- Change of location
- · Bowel or bladder incontinence
- · Unexplained bump on head



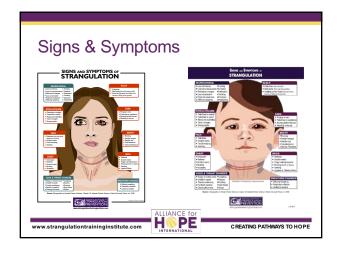








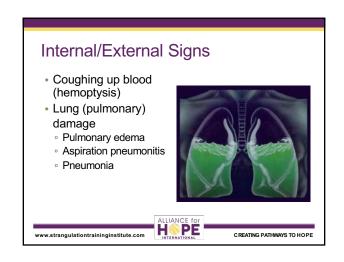




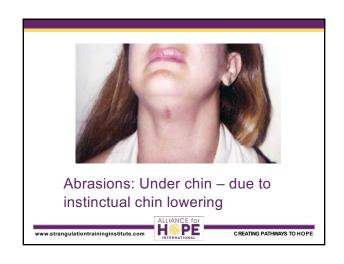
"Survey Results of Women Who Have Been Strangled While in an Abusive Relationship" Medical symptoms experienced by victims Difficulty breathing: 85% Scratches on neck: 44% Dysphagia: 44% Voice change: 45% Loss of consciousness: 17% Ptosis: 20% Facial palsy: 10% L or R sided weakness: 18% Memory deficit: 31% Suicidal ideation: 31% HOPE www.strangulationtraininginstitute.com CREATING PATHWAYS TO HOPE



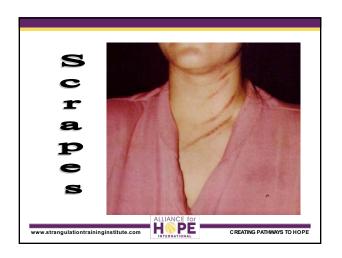


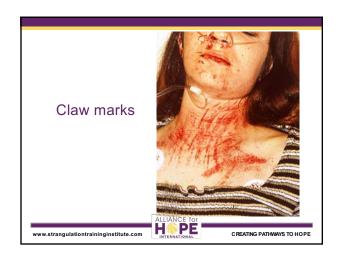




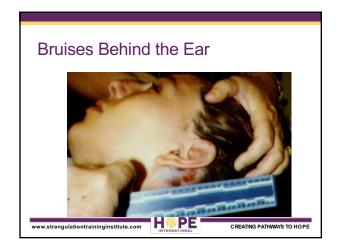


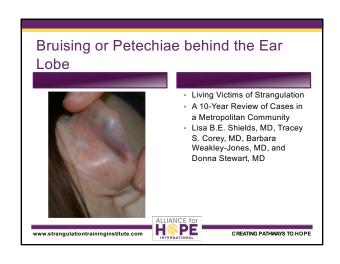




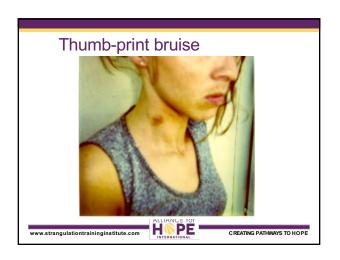








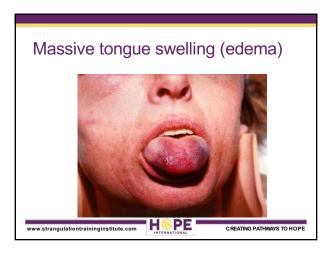




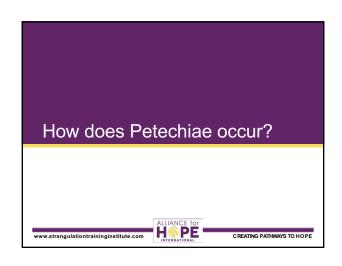




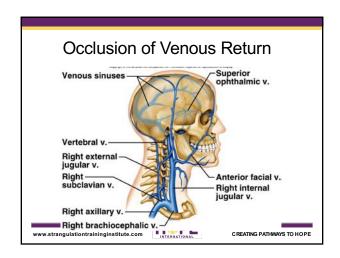












Internal (Visceral) Locations:

Throat/posterior pharynx

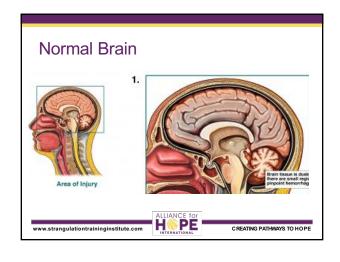
Brain

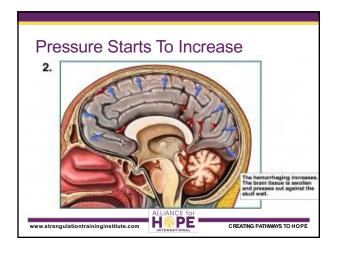
Scalp

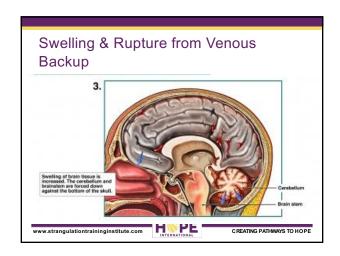
Heart

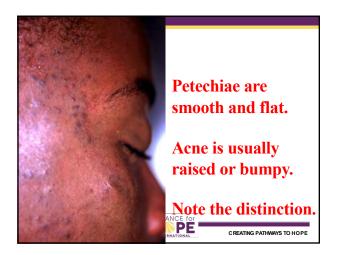
Lungs

Any organ

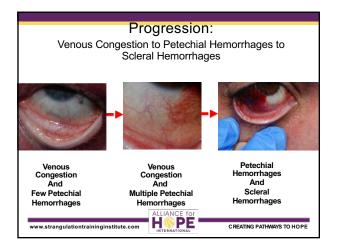




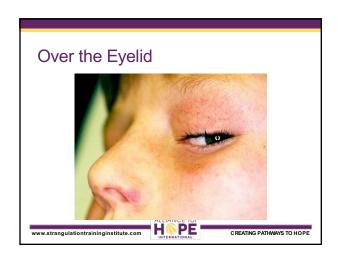


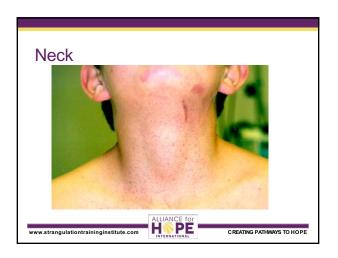


















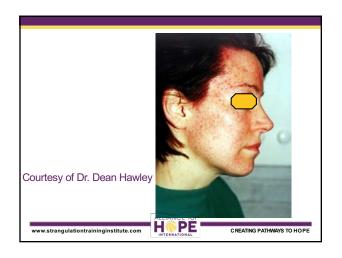


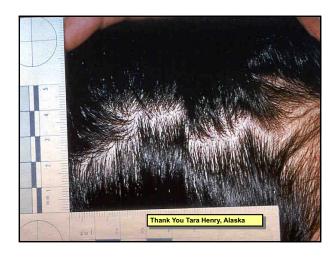






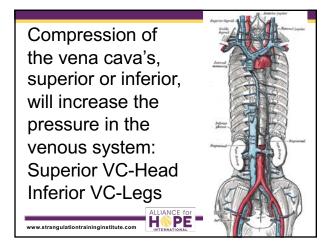








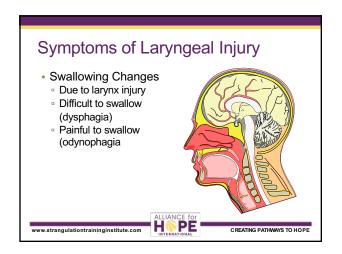


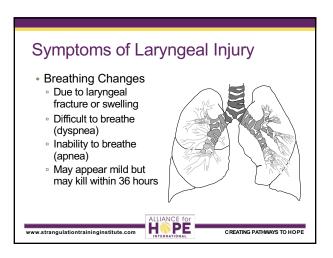


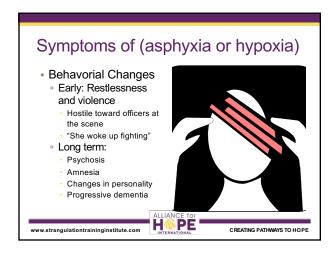


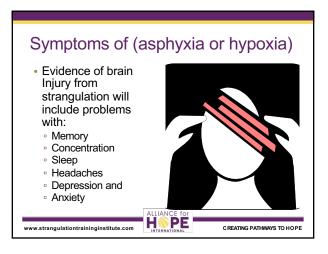




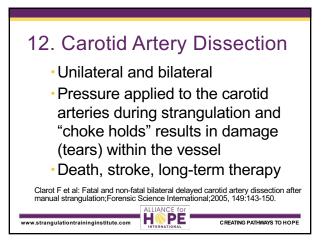


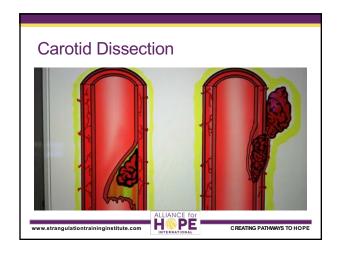




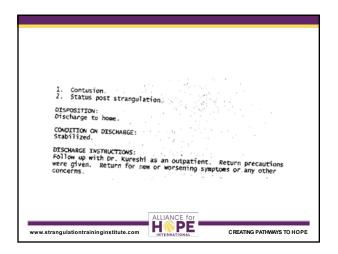


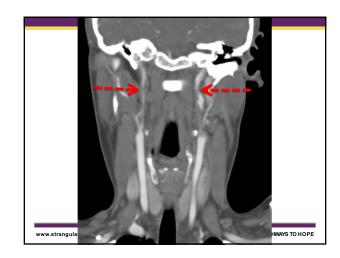
Dr. Smock's Top 25
Medical Consequences
Resulting from Strangulation and
Lateral Vascular Neck Restraint



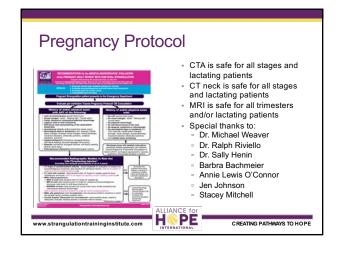


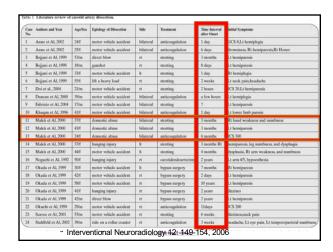


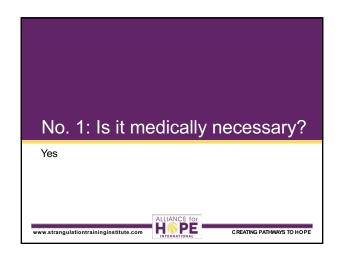


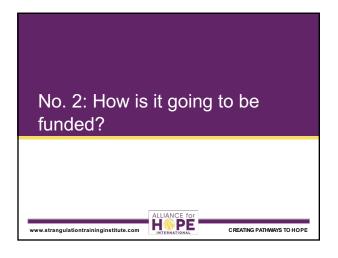


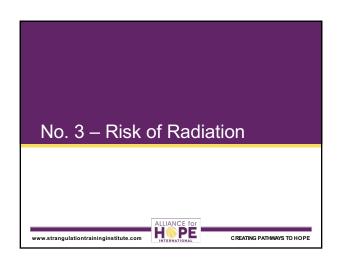




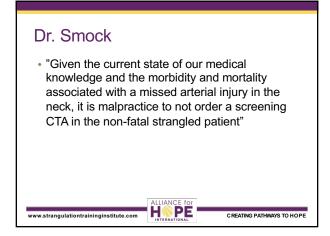




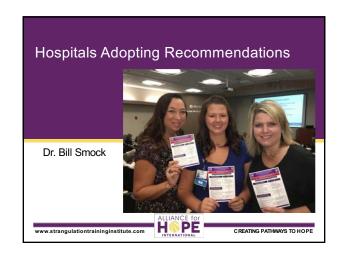


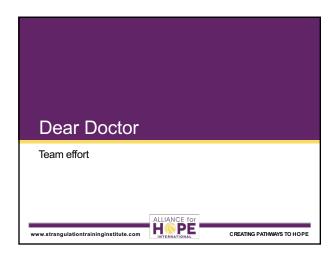














New IAFN Strangulation Position Paper and Recommendations (2016):

• We recommend that:

1. Where possible, forensic nurses are utilized in collaboration with other providers to address the health care needs of the strangled patient population.

2. Health care providers delivering emergency services receives training specific to the screening, medical and radiologic assessment, documentation, medical intervention, and follow-up care.

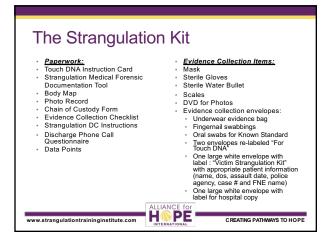
3. Health care providers calring for known or suspected sexual assault, intimate partner violence, elder abuse as well as child maltreatment victims should routinely screen for strangulation and understand the laws for reporting.

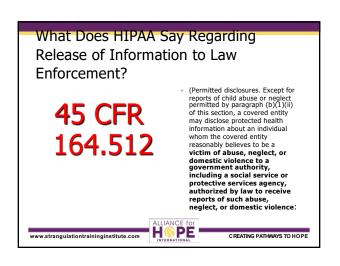
4. Health care agencies delivering emergency services should adopt evidence-based, multi-disciplinary policies and procedures that are current and well understood by staff in order to facilitate the screening, assessment and intervention process;

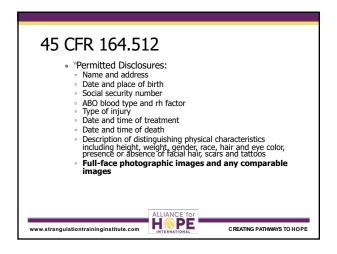
5. Health care agencies ensure consistent access to trained providers within the agency, as well as collaborative relationships with outside agencies (e. Law enforcement, advocacy and prosecution).

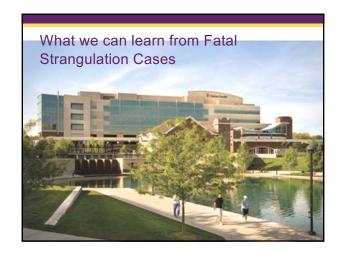
6. Health care providers that assess and treat strangulation patients include a detailed, screening and continued as a staff or compensation including protocols for medical/radiological evaluation danger assessment and safety planning (to be completed by medical or advocacy professionals).

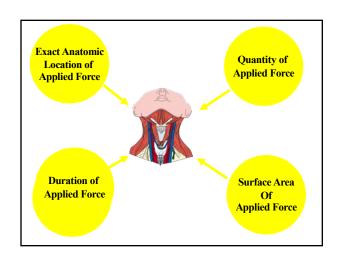


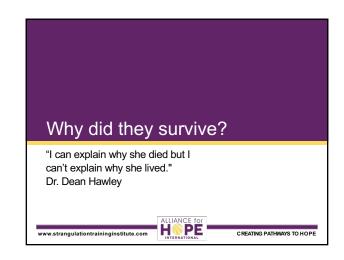












#### Possible theories:

- Something stopped the defendant from applying continuous pressure:
- Child crying
- Independent witness
- Police arrived
- Victim begged him to stop
- $\mbox{\tiny o}$  The victim fought back and managed to escape
- The victim played dead or was in deep coma
- He thought she was dead and he released his grip

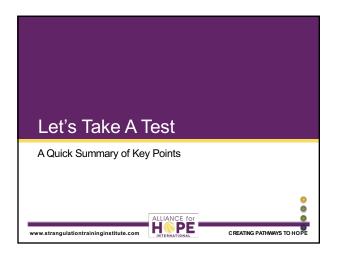
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#### Important to Remember

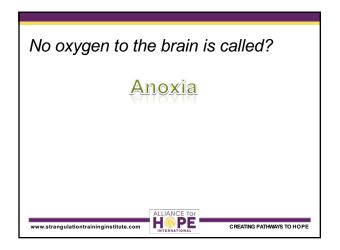
- Victims may have NO visible injuries, with only transient symptoms-yet because of carotid injuries or brain damage from lack of oxygen during the strangling, victims have stroked or died up to several months later
- The carotid arteries, especially the internal carotids, must be evaluated if the patient has signs or symptoms related the application of significant external pressure to the neck
- Injuries can blossom in both the living and deceased, re-examine in 48-72 hours.

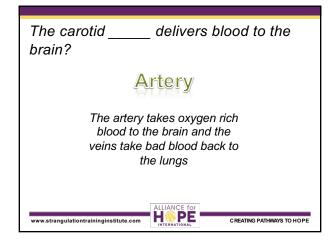
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Most experts agree brain death due to a lack of BLOOD flow can occur within how many minutes?

Seconds
Five minutes
Two and half minutes or less
Ten minutes
All of the above

ALLIANCE FOT CREATING PATHWAYS TO HOPE

