Things Aren't Always As They Appear: How a Suicide Becomes a Homicide

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### **Disclosures**

> No financial disclosures – I would love to have some though

### Suicide vs Homicide

- > Both are Manners of Death (Not Causes)
  - Cause of Death injury or disease that leads to physiological change that results in death
    - > Mechanism of Death the physiological change produced by the cause of death
  - $\succ \ Manner \ of \ Death-how \ the \ cause \ of \ death \ occurred$
- > Suicide Death at ones own hands
  - > Typically intentional
  - > In some circumstances intent is not needed ("Russian Roulette")
- ➤ Homicide Death at the hands of another
  - > Act is usually intentional but doesn't require intent to kill
  - > Not a legal determination

### Suicide vs Homicide

- > Data from 2019
- > 47,511 Suicides in USA (rate of 13.9 per 100,000)
- 19,141 Homicides in USA (rate of 5.6)
- > Suicide
  - > 10th leading "cause of death"
  - > 2nd leading "cause of death" between ages 10 and 34
  - > Rates are higher in men (22.4) than women (6.0)
  - > 23,941 (50.4%) by firearm
  - > 528 (rate of 16.7) in Iowa (30th lowest in the USA)
- > Homicide
  - > 80 (rate of 2.7) in Iowa (8th lowest in the USA)
    - VT has a homicide rate <1</li>
       MD, AK, MO, SC, NM, AL, LA, and MS have homicide rates ≥10
  - > According to FBI data 73.7% by firearm

### Some Perspective

- > Firearm Deaths in 2017
  - > 39,566 USA
  - > 294 (rate of 9.1, 9th lowest) IA
- > Drug Overdose Deaths in 2017
  - > 70.319 US.
  - > 352 (rate of 11.5, 5th lowest) IA
    - > 2005 141, rate of 4.8

### Anatomy of a Gunshot Wound

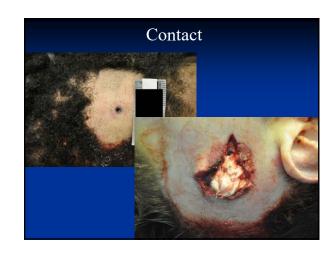
- > Entrance: Entry point
  - > Often round
  - > Marginal abrasion
  - Soot, gunpowder, stippling, CO
- > Pathway: What gets hit
- > Associated injuries: Other resulting injuries
  - > Temporary cavity
- > Projectile
- > Exit: Exit point
  - > Often irregular or slit like
  - > No marginal abrasion (most of the time)
  - > No other entrance wound features
- > Trajectory















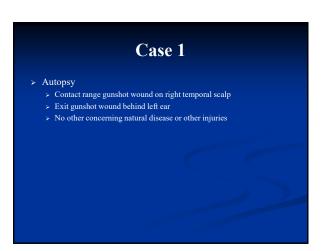








# Case 1 > 41 yo male with gunshot wound of head > Drinking with a friend in friend's basement > Friend had a handgun and they began shooting into a bullet trap > Decedent then put the gun to his head and shot himself > Friend called 911 > Found in beanbag chair with can of beer and handgun > No known medical or psychiatric history > Treated as a suicide

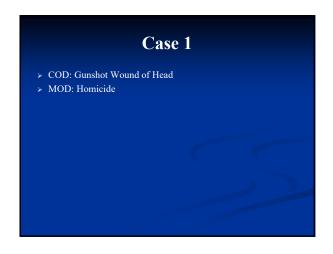




### Case 1 > Autopsy > Contact range gunshot wound on right temporal scalp Exit gunshot wound behind left ear > No other concerning natural disease or other injuries > Consistent with suicide > But look at the scene photos....



# Case 1 > Police talk to the friend again Decedent and friend got into a fight over the gun Friend pulled the trigger while gun was next to decedent's head Claims he didn't mean to pull trigger and was trying to stop friend from shooting himself Put gun and beer in decedent's hand so it looked like a suicide



# Case 2 > 30 year old male > 911 caller reports hearing a gunshot > Then saw 2 people leaving his neighbor's residence talking about why he shot himself and whether or not they should call police > These 2 individuals get in a car and leave > Finds neighbor just inside the outer door of his residence with a handgun next to him > Calls 911 > Pronounced in emergency room



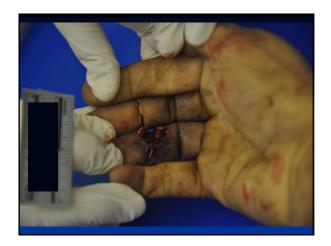


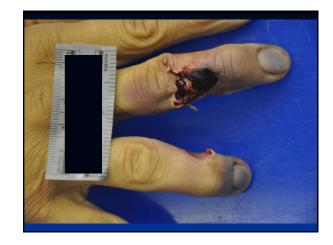




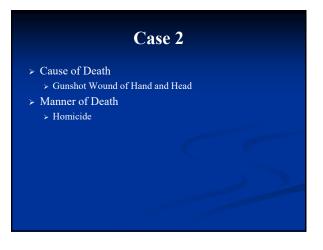


- > Autopsy
  - > Gunshot wound of head
    - Entrance on right check surrounded by stippling
       Intermediate range (couple inches to couple feet)
       Exit behind right ear
- > So far seems consistent with a suicide
- > But then the handbags come off....





### Case 2 > Autopsy > Gunshot wound of head > Entrance on right check surrounded by stippling > Intermediate range (couple inches to couple feet) > Exit behind right ear > Gunshot wound of right hand > Graze-like with soot and searing on middle and ring fingers of right hand > Contact range > Suicide seems less likely now > Pathway did not directly involve the brain > Facial bone fractures, subarachnoid hemorrhage > Remote contusion of left parietal lobe > No significant natural disease > Toxicology – Ethanol, blood: 0.206 g/dL; BE, blood: <25 mcg/L



# Case 2 > 1 male and 1 female friend that were with him > Were hanging out and drinking with the decedent > Female called a friend and bought some cocaine that they then used > Decedent had a handgun which he brought out and was showing them > Female asked him to put the gun away so he went into his house > They hear a gunshot, see the decedent on the ground, and leave > They go to a friend's house and never call 911

## Case 2 Changing Stories Male Friend Saw the decedent in the doorway raise his left arm up and then heard a gunshot Was walking to the ear when he heard the shot Was sitting in a chair in the yard the whole time The female was the last to hold the gun and must have shot the decedent Saw the decedent with the gun in his right hand with either his index finger or thumb on the trigger at chest height pointed at his face Female Friend Female maintained to only hearing a gunshot but not seeing anything Female sent the male a text "I just called...remember when u shot n killed your friend...I was scared as [heck]" Later claimed text was a lie and only sent because she was mad at him Male asked to take a polygraph Showed deception

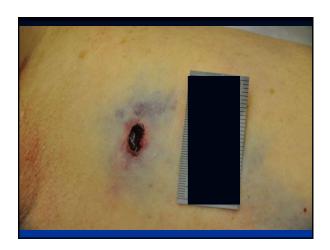
- > 68 year old female
- Lives with her son (lives in basement) and 12 year old grandson (lives upstairs near her)
- > Recently took out \$7000 cash to pay off mortgage
- > Grandson posts pictures on social media of him with the cash
- > 0400 calls police about an intruder
  - > Saw a thin man in a hoodie standing outside her bedroom door
- Police respond and reportedly find the home secure and no intruder
- Son gives his mom a loaded .380 Hi-Point pistol to protect herself

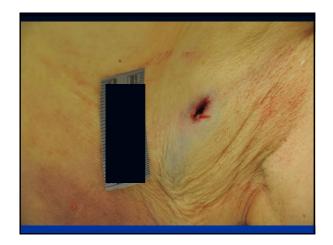
- > 0631 second call to 911
  - > Son reporting that his mom accidently shot herself
- > Son heard 2 gunshots then found mom bleeding in her room
- > Grandson reported that grandma came into his room to wake him up, then she left his room
- > He then heard a gunshot
- > He saw his grandmother bleeding, she said she would be ok
- > She staggered into her room and sat down then collapsed
- > He did not see a gun
- Paramedics and police found a .380 Hi-Point at the top of the stairs near the decedent's room
- > Police suspicious but favor suicide vs accident

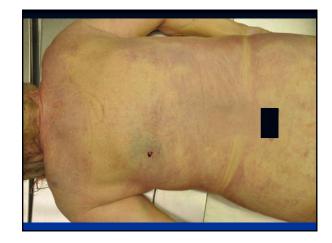


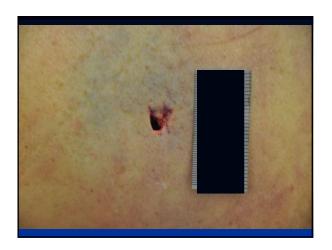












Case 3

> Autopsy

> Gunshot wound of left upper extremity

> Entrance on lateral left arm – indeterminate range

> Exit on medial left arm

> Gunshot wound of chest – likely continuation from GSW of arm

> Entrance on left axilla – indeterminate range

> Exit on left side of back

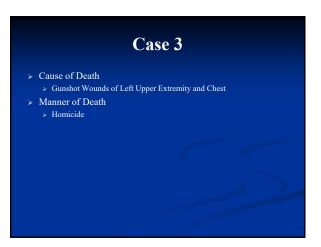
> Pathway through left lung

> Nephrosclerosis

> Toxicology – essentially negative

> Locations and ranges of fire of GSWs make self-inflicted essentially impossible

## Case 3 Further Investigation Possible bullet defects found in ceiling and clock Bullet recovered from clock 380 Hi-Point pistol recovered at top of stairs near bedrooms Two 9 mm casings recovered from foyer at bottom of stairs Evidence of forced entry with damage around a door and window



- > 60 year old female found in yard with bag and other belongings nearby
- Female 911 caller said she was cutting the grass at the home when she found the body



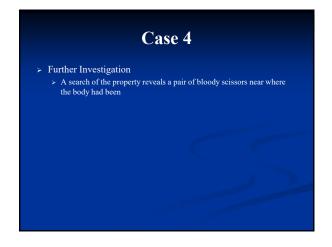
- > Caller was not cutting the grass
- Her boyfriend found the body but left because of outstanding warrants
- > Neither the caller or her boyfriend are the owners of the home
- > Home is known for being a "drug house"
- > Caller claims to not know the decedent





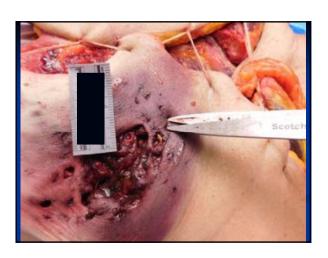


### Case 4 Multiple Sharp Force Injuries (Stab and Incised Wounds) Neck – skin and soft tissue Chest – heart and left lung Healing thermal injuries involving many parts of her body How did she get these injuries? Homicide or Suicide?









# Case 4 Further Investigation A search of the property reveals a pair of bloody scissors near where the body had been Scissors are consistent with the inflicting instrument But who used the scissors Near the scissors was the scissor packaging and a receipt for the purchase of the scissors Video from the store shows the decedent alone buying the scissors Decedent has no connection to this location Son committed suicide in Illinois 2 years ago Since that time she became very depressed and quit her job as a nurse and has been moving around the country Strongly believed that her son was murdered Notebook with suspicious writing found next door



- > Further Investigation
  - A search of the property reveals a pair of bloody scissors near where the body had been
  - > Scissors are consistent with the inflicting instrument
  - > But who used the scissors
  - > Near the scissors was the scissor packaging and a receipt for the purchase of the scissors
  - > Video from the store shows the decedent alone buying the scissors
  - > Decedent has no connection to this location
  - > Son committed suicide in Illinois 2 years ago
  - Since that time she became very depressed and quit her job as a nurse and has been moving around the country
  - > Strongly believed that her son was murdered
  - > Notebook found next door
  - > Recently left a local hospital AMA while being treated for severe burns from a car fire evidence that she intentionally started the fire

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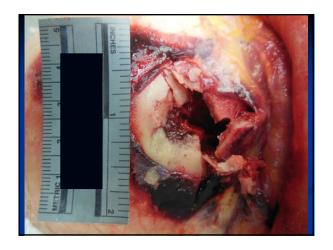
- > 38 year old male
- > Police were seeking him due to a domestic situation
- > Located him at a local hotel
- > Became involved in a standoff with police
- > Officers attempted to make entry into the room
- > Decedent fired a shot "into the ceiling" and officers retreated
- > 7 minutes later a second shot was heard
- Found prone in the bathtub
- > .45 caliber handgun and .45 ball ammo found with decedent
- > 2 holes in the ceiling and 2 casings found

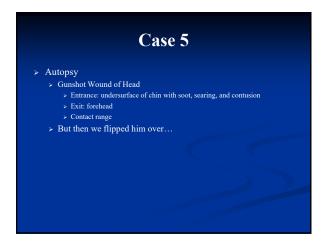








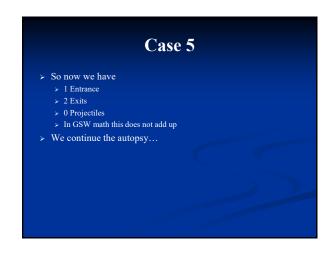


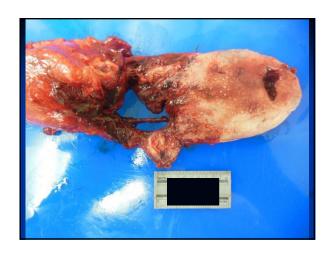


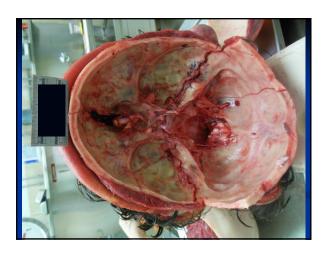


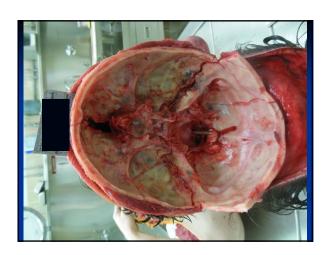


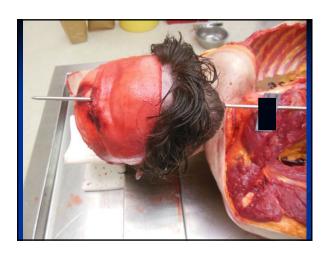




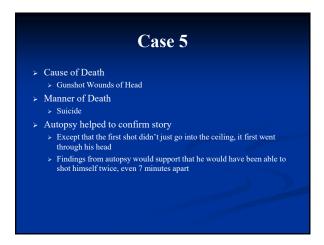




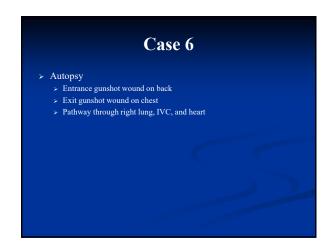


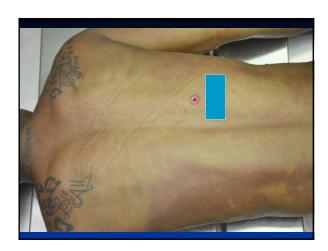


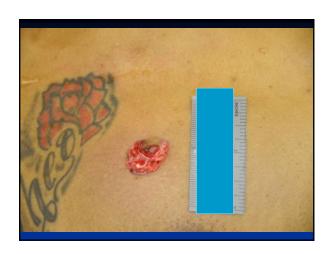
# Case 5 > Autopsy • Gunshot Wound of Head • Entrance: undersurface of chin with soot, searing, and contusion • Exit: forehead • Contact range • Pathway involved skin, soft tissue, and bones of face, tongue, and sinuses > Gunshot Wound of Head • Entrance: undersurface of chin with soot, searing, and contusion • Exit: occipital scalp • Contact range • Pathway involved brainstem, cerebellum, right occipital lobe > No significant natural disease > Toxicology insignificant



### Case 6 > 26 yo Female > Driving car with her mother in front passenger seat with unrestrained infant on her lap and an unrestrained 3 year old in the back seat > Decedent's boyfriend is a security guard and his gun was in a holster in the car > Decedent took gun out of the holster and placed it under the front seat – so that it would be safer > Gun slide back to the 3 year old who fired the gun through the driver seat and hit the decedent







- > COD: Gunshot Wound of the Back
- > What about manner?
  - > Homicide?
- > MOD: Accident
  - > Rare case where MOD in firearm death is accident
  - > Circumstances and age of shooter main determining factors

### **Take Home Messages**

- > It is best to autopsy all possible suicides
- > Investigation is a team effort
  - > Medical Examiner County and State
    - > Medical Examiner
    - > Forensic Pathologist
    - > Investigators
  - > Law Enforcement
  - > County Attorney
  - > Family
  - > Other
- > Scene photos are very important and necessary
  - > Accuracy and quality matter
  - > May make a big difference in MOD and maybe even COD

### **Take Home Messages**

- > Don't ever assume do a thorough investigation
- > Don't tell families things that you do not know or make promises that are not in your power to keep "This is clearly an accident and not a suicide."
- > It is best to autopsy all possible suicides
- > Scene Photos
- > Don't post pictures of yourself with large sums of money on social media

### References

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