Gun Violence in Pediatric Patients and the Collection and Preservation of Ballistic **Evidence**

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About me

Children's Mercy

- I have been an ED/Trauma nurse for 19 years at Children's Mercy
- I am a certified SANE-P with the IAFN
- I have seen the need for forensic evidence collection involving victims of violence and have been looking for ways to implement and improve this



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BENEFITS OF HAVING A SANE INVOLVED

• Case law has repeatedly found SANE-collected kits to be among the strongest courtroom evidence in supporting victim testimony and SANE nurses themselves have been noted to be very credible witnesses

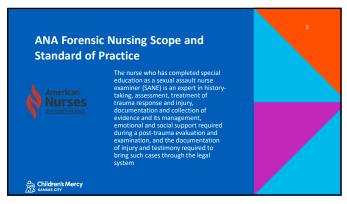






American College of Emergency Physicians "Victims of sexual assault require special medical, psychological, and legal needs from a specially trained, non-physician medical personnel, such as a SANE."

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Why Does Photo and History-taking Documentation Matter? • Documentation is very powerful • Prosecutors are more likely to press charges when there's a documented injury and thorough history • Juries benefit from seeing injuries as they appeared after the event. • History-taking is powerful and Forensic Nurses can testify to a child's disclosure in court. We're one of the few people who can.

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More than just SANE

- Violence is becoming an alarmingly frequent part of our society
- Kids are often victims of violence, particularly in Urban areas
- What are we doing to help ensure social justice for children who are victims of violent crime?
- We are good at helping children survive violent crime, now we need to focus on helping them receive justice afterwards



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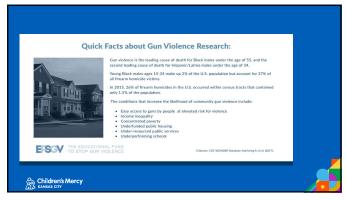


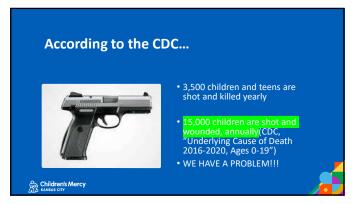
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Gun Violence Becomes the Leading Cause of Death Amongst Pediatric Patients

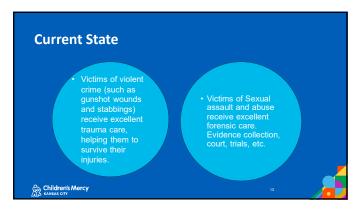
- Gun violence was the leading cause of death for all children and teens ages 1-19 in 2018, surpassing moto vehicle accidents for the first time in history. (CDC "Causes for Injury Related Death" 2020)
- Gun violence is rising all over the United States, but, children in big cities, are more than three times as likely to be killed as children in small towns. (NYT 12/14/22 "Childhoots Greatest Danger: The Data on Kids and Gun Violence")

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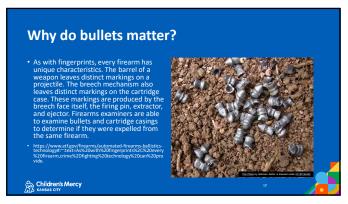








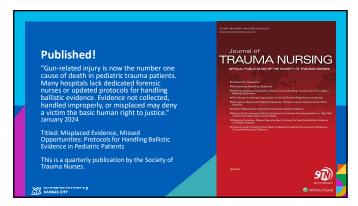




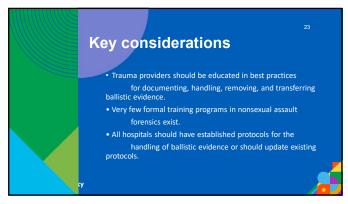












Standard Work for Bullet Removal

1 When removing a bullet or fragment, whether in the operating room or from a superficial wound in the emergency department, it is imperative to use rubber-tipped forceps or gloved fingers and not to use metal instruments (Batts & Sanger, 2001- Hanshaw, 1994, Cysaker et al., 2007). Beaqualine, 2015b). Metal forceps can damage the bullet's surface, changing its characteristics and making it more difficult to use as evidence.

2 Upon removing, place the bullet in a plastic bowl, never metal. Dropping a bullet into a metal bowl can change the shape of it, making it more difficult to 'read'' the marks and match to the appropriate gun. (Batts & Sanger, 2020)

3 Do not send the bullet to pathology. Package the bullet by wrapping it in sterile gauze and placing in a brown envelope.

4 Seal across the flap of the envelope with evidence tape, wrapping 1.5 (minimum) times around the flap. Then sign, date and time across the tape, ensuring that those details extend from the envelope below the tape, across the tape and onto the envelope above the tape.

5 The surgeon who removes the evidence signs the first box in the chain of custody. The nurse who packages the evidence fills out the second box and then places the evidence with the chain of custody in the locked box outside the OR and emails the SANE team.

