

CSI:

CRIME SCENE INVESTIGATION

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CRIME SCENE PRESERVATION



- **Role of the Medical Examiner**
- **Crime scene investigation**
- **Securing the scene**
- **Preserving evidence**
- **Case review**

ROLE OF THE MEDICAL EXAMINER



- Determine the cause and manner of death

POLICE LINE DO NOT CROSS

REPORTABLE M.E. CASES

The M.E. must investigate the following cases

- Any death in Hennepin county that is not expected or anticipated
- Any death that occurs in a public institution, jail or hospital
- Any death where the causes of death is contested by family



*The death scene investigator
must be able to recreate the
original crime scene.*



FORENSIC SERVICES UNIT

POLICE LINE DO NOT CROSS



SECURING THE SCENE

- **Scene Preservation**
- **Protection of Evidence; Finger Prints, Trace Evidence, Body Fluids, Weapons or Objects Left at the Scene by a Suspect**
- **Suicide Notes**



Rescuers can unwittingly add false evidence and destroy true evidence at a crime scene.

WHAT IS EVIDENCE ?

- Finger prints
- Hair
- Body fluids
- Finger nail scrapings
- Bite marks
- Shower stall
- Cigarette butts
- Gum
- Notes
- Hair combs
- Half eaten food



7. 5. 2001

WHAT IS EVIDENCE ?

(Cont.)



- Guns and ammunition
- Expended shells
- Sharp edged weapons
- Ropes with knots intact
- Tools or other blunt force objects
- Clothing

Hennepin County Sheriff's Crime Lab and Medical Examiner





ALTERING THE SCENE

Rescuers can add or remove evidence by:

- Leaving artifacts of resuscitation behind
 - however, packaging must be left at the scene
 - examples include; bandage wrappers, O2 mask bags etc.
- Disposing of artifacts the of resuscitation
 - trace evidence clings to packaging
 - evidence is lost if it is disposed of



SCENE PRESERVATION

- Rescuers can protect evidence by:
- Watch where you step
 - do not step on expended shells or blood spatter
- Avoid touching anything at the crime scene that you do not have to touch
- Minimize the handling of the body



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ALTERING THE SCENE

Rescuers can add or remove evidence by: (cont.)

- Removing the patient from the scene
- Extinguishing a fire
- Moving furniture to gain access to a patient.
- Moving objects from the scene
 - clothing
 - personal effects

SCENE PRESERVATION

- If you move a weapon, pick it up where finger prints can not be lifted.
- NEVER stick a pen or anything down the barrel of a weapon
- When you cut ropes, preserve the knot
- Secure suicide notes
 - Family members can remove and destroy suicide notes



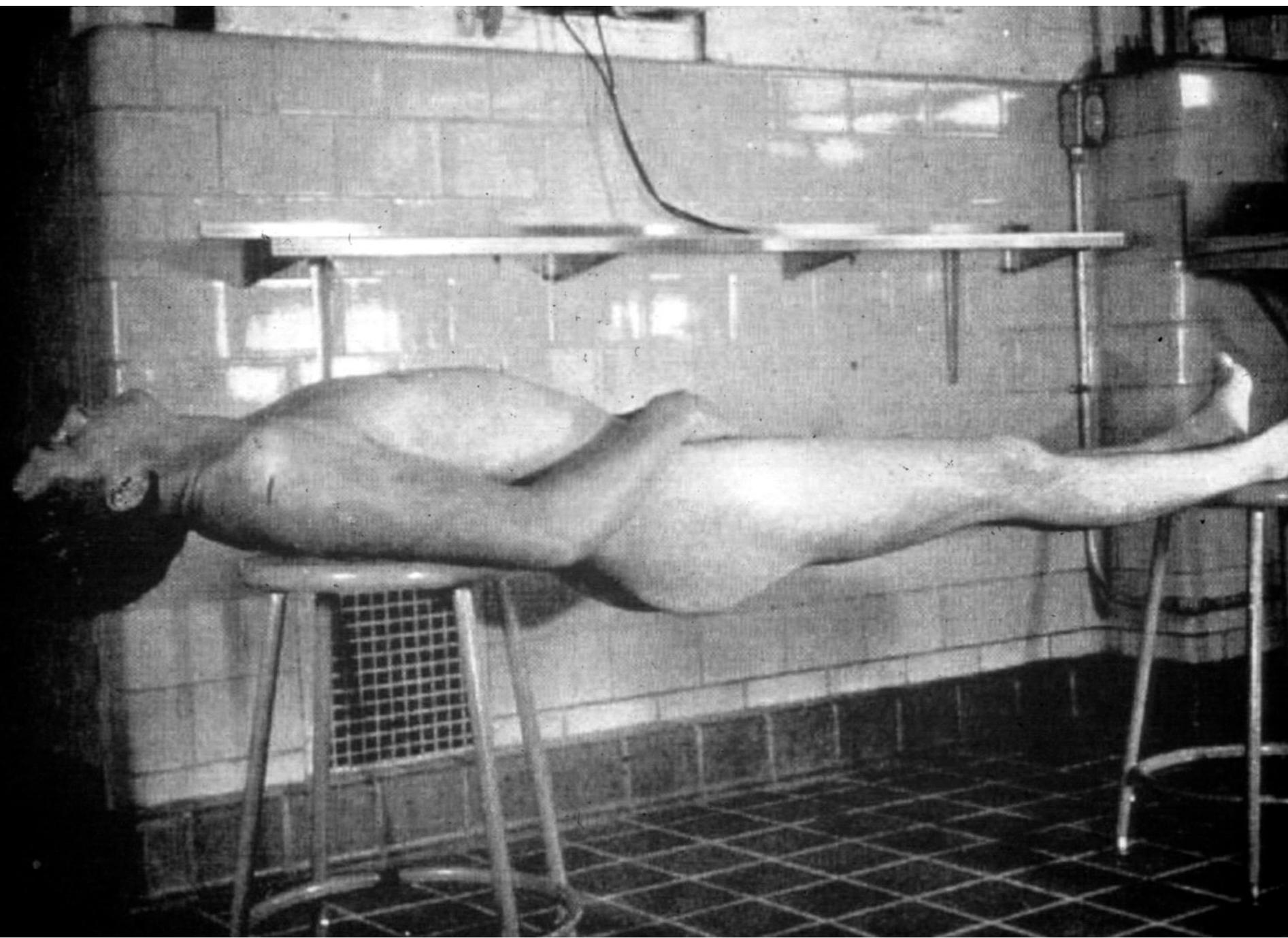
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SCENE PRESERVATION

Clothing:

- **If you must cut clothing, cut around any defects in the garment**
 - **Bullet hole evidence can reveal distance of shooter**
 - **Stab defects can indicate the type of weapon**
- **If released by the E.D. to family members it is no longer usable as evidence**





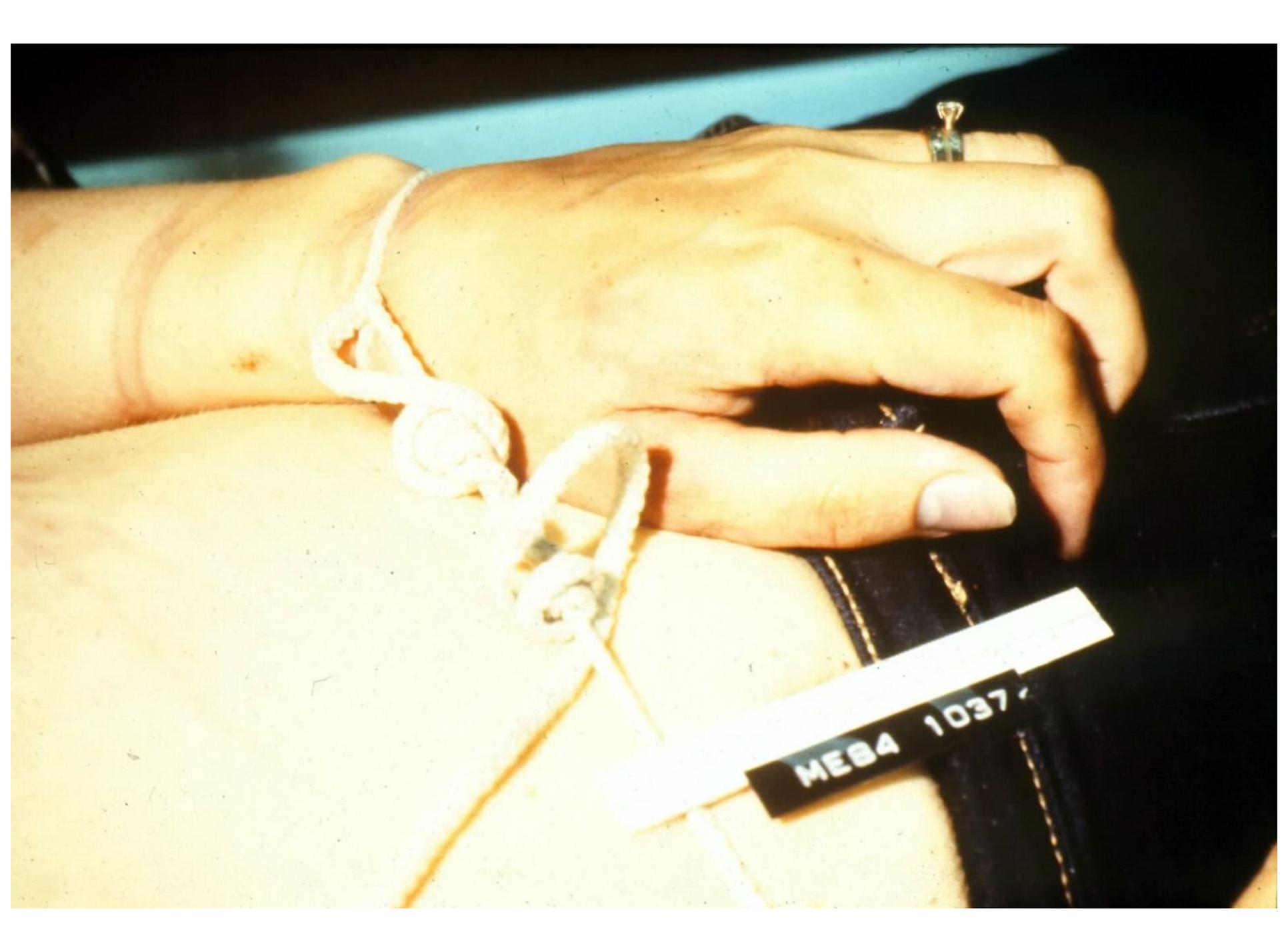












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IKE !

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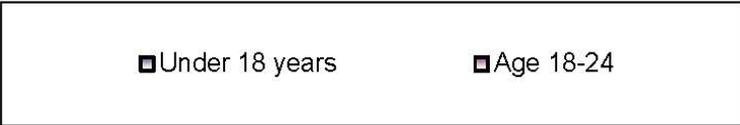
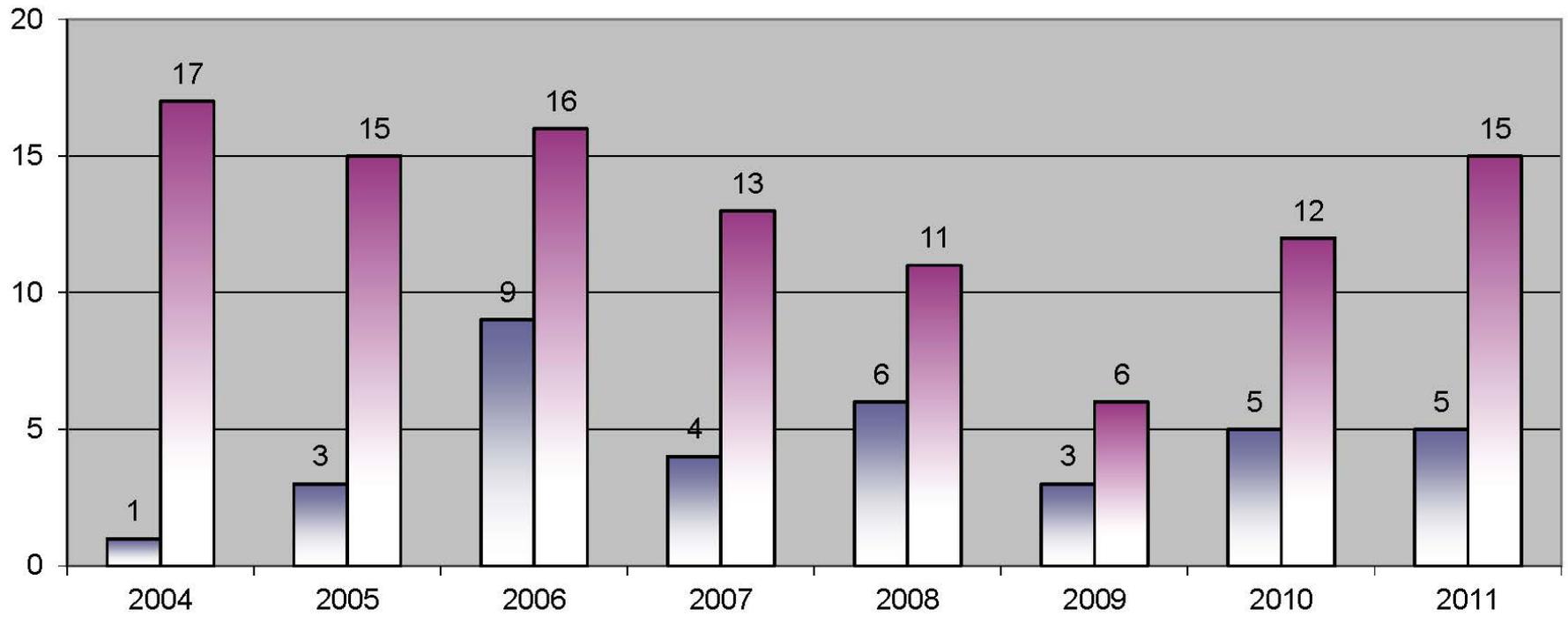
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Homicide

- MINNEAPOLIS, MN
- The city was dubbed “Murderapolis” in the mid-1990s when murder rates spiked, with 97 killings in 1995 alone. In a city with only 370,000 to 380,000 residents at the time, that put Minneapolis’ murder rate above New York’s. Though Minneapolis’ murder count has plummeted since then--there were 12 murders and nonnegligent manslaughters in 2012--its overall crime rate is still more than three times the national rate. All victims were under the age of 24.

Homicides Occurring in Minneapolis (2004-2011)





Nizzel George

5 years old

He was shot
through the wall
while sleeping
on his
grandmothers
couch

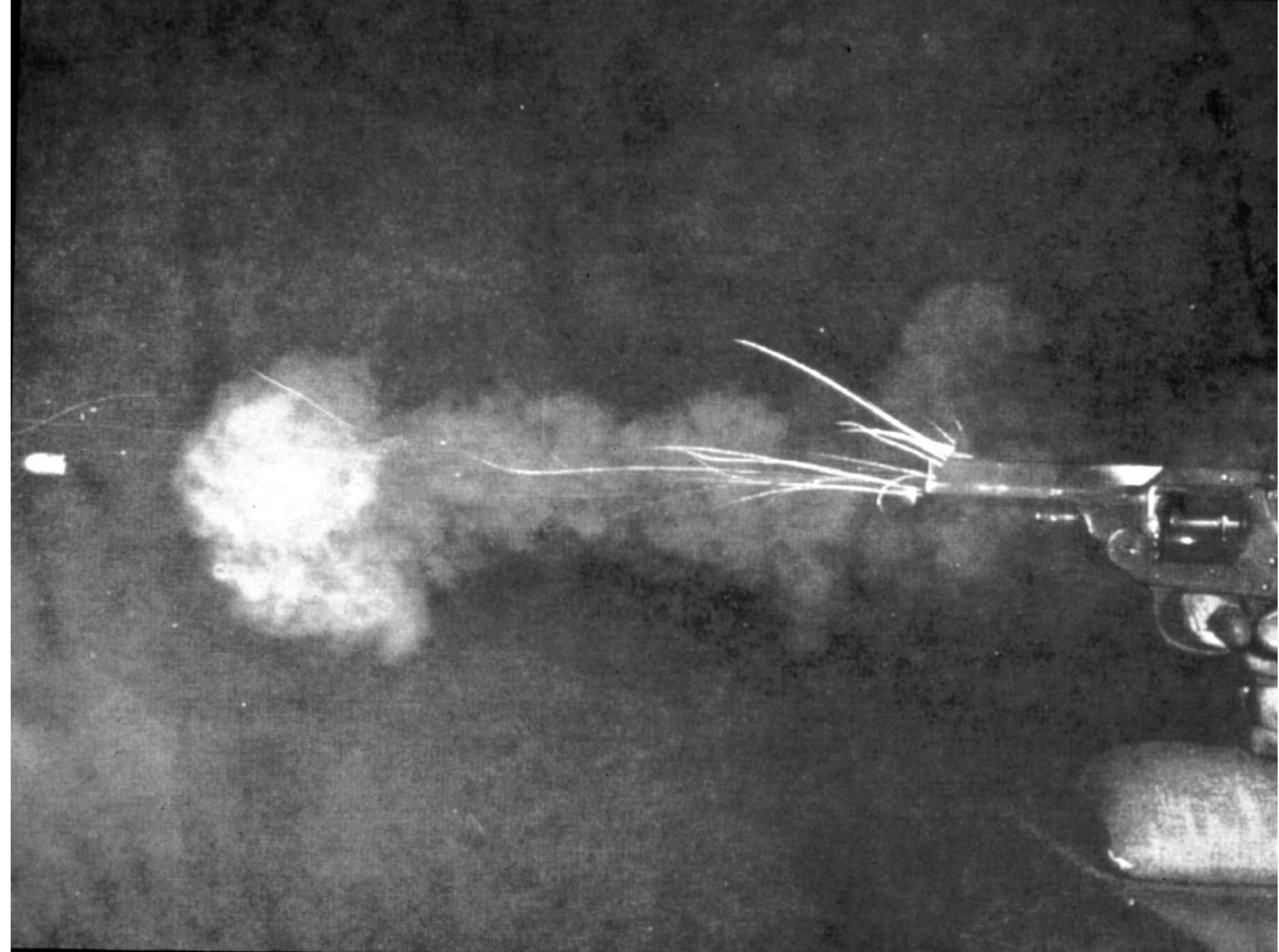
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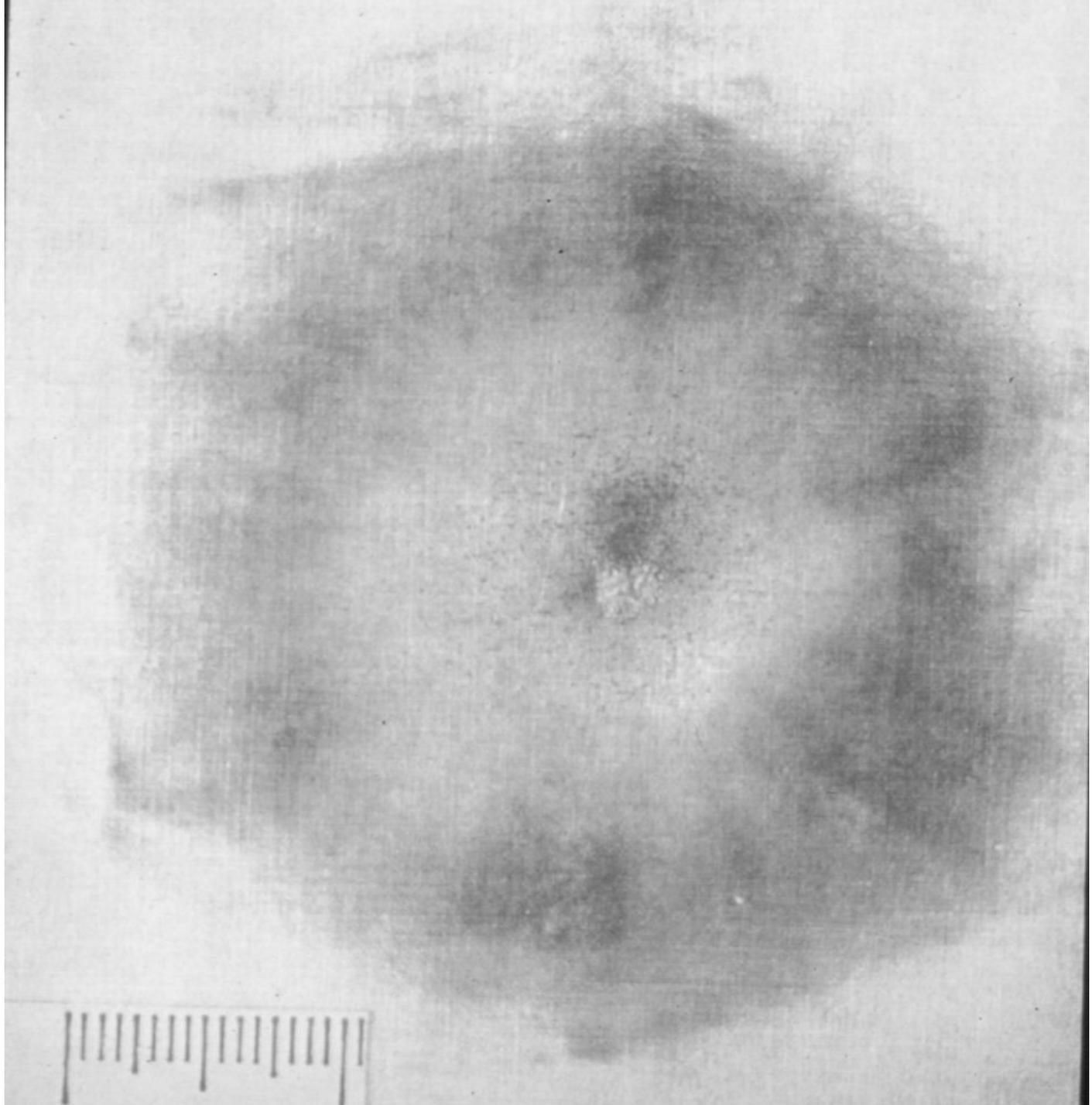




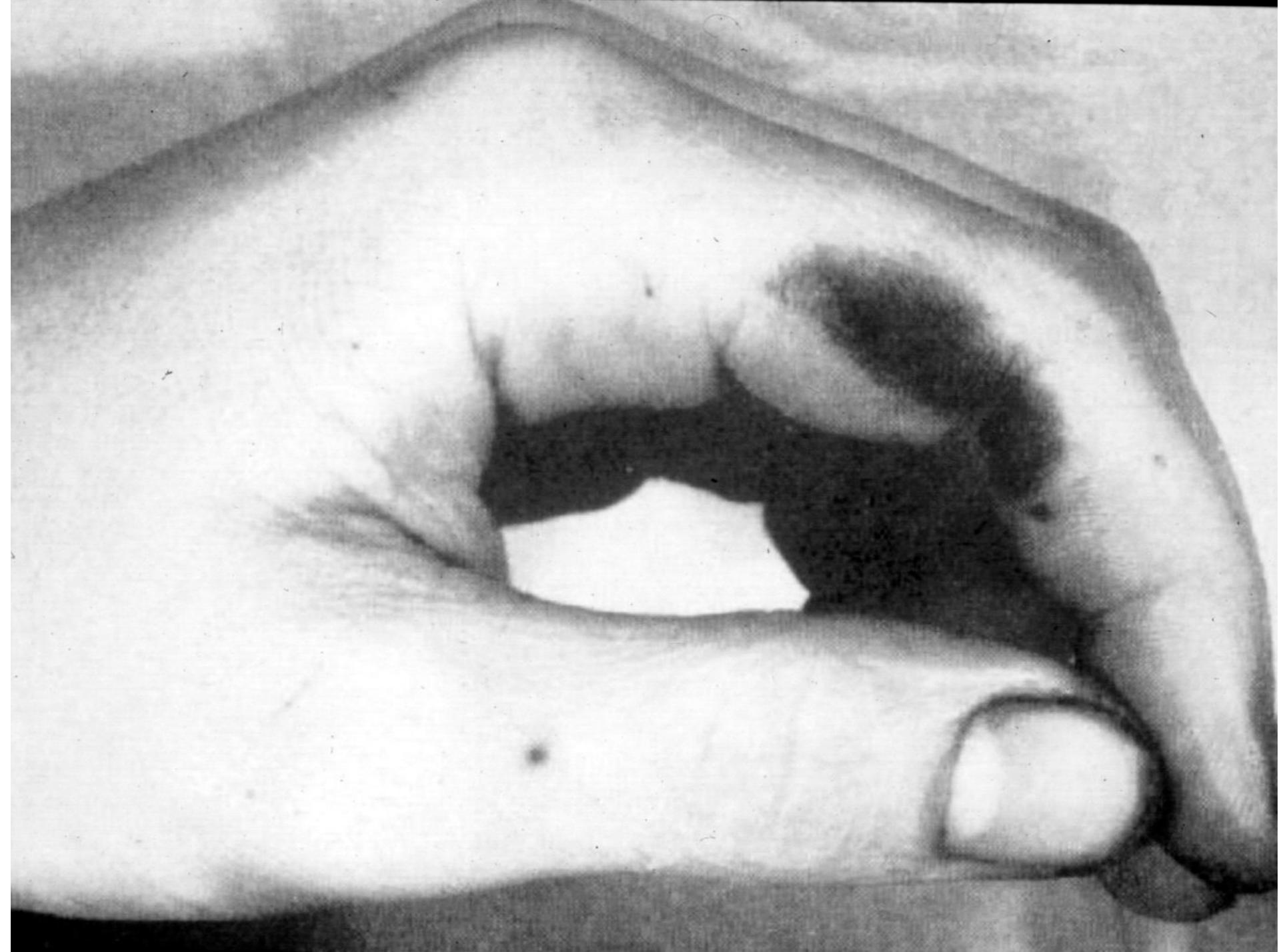


















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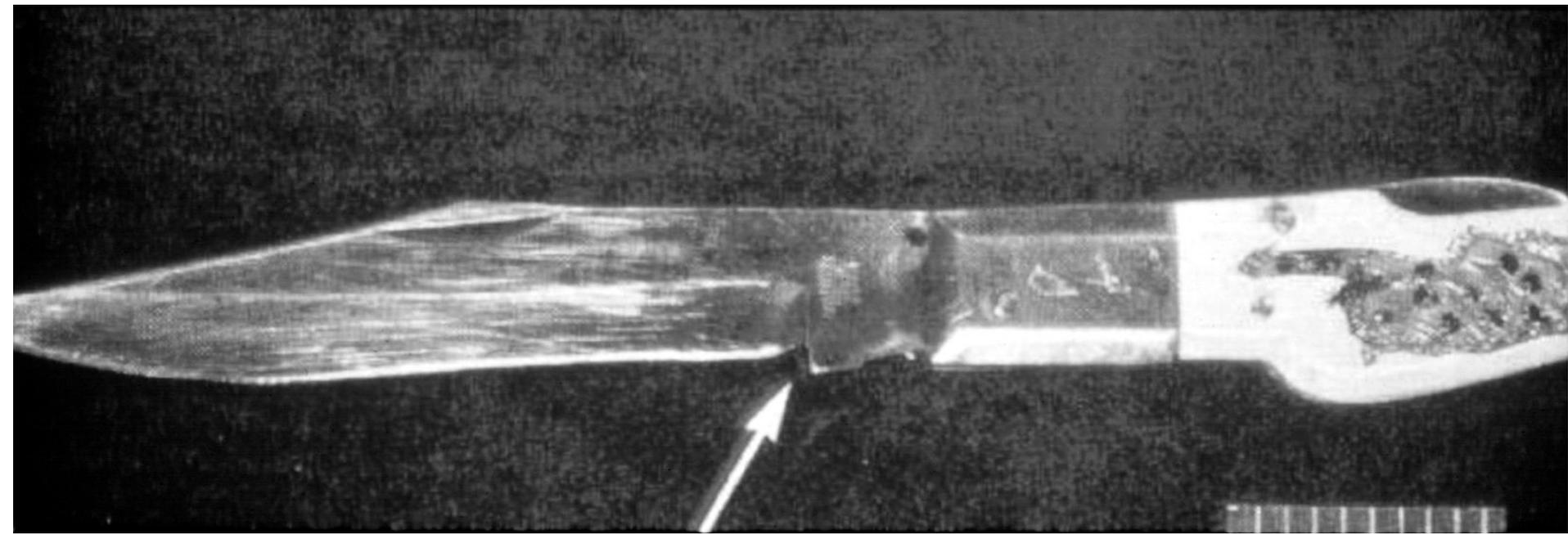


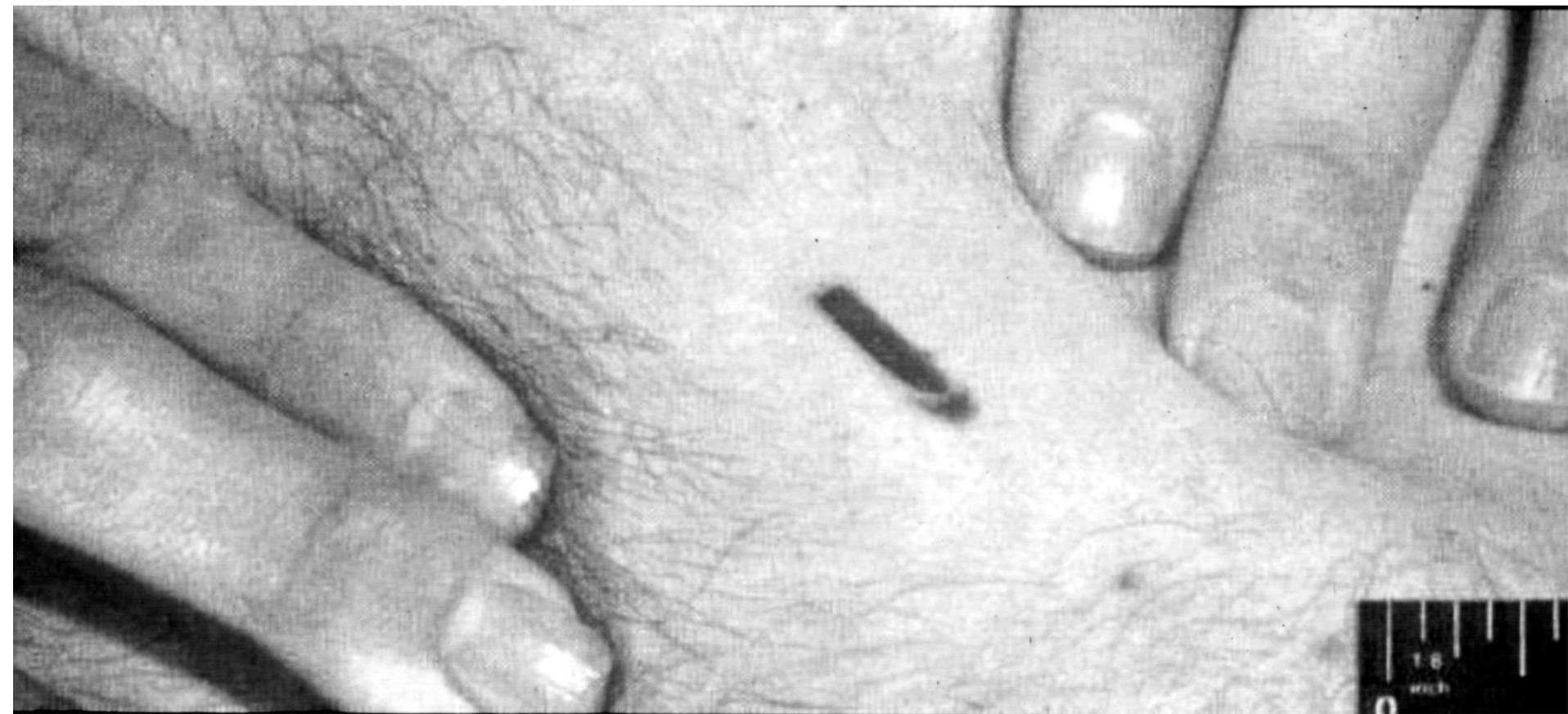


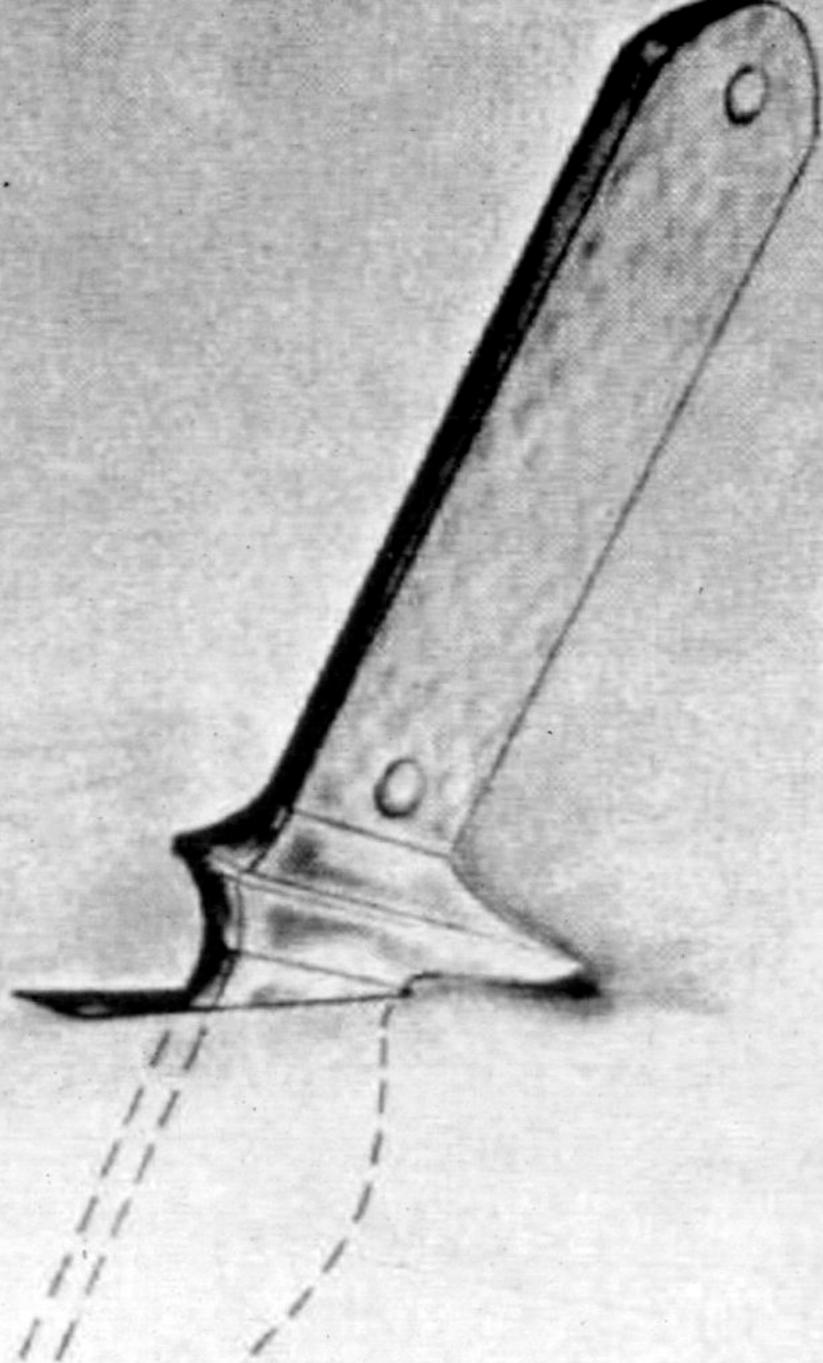


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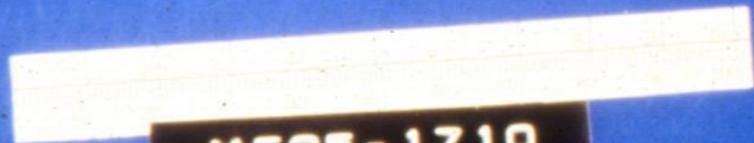
HOMICIDE FILES





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ME85-1710







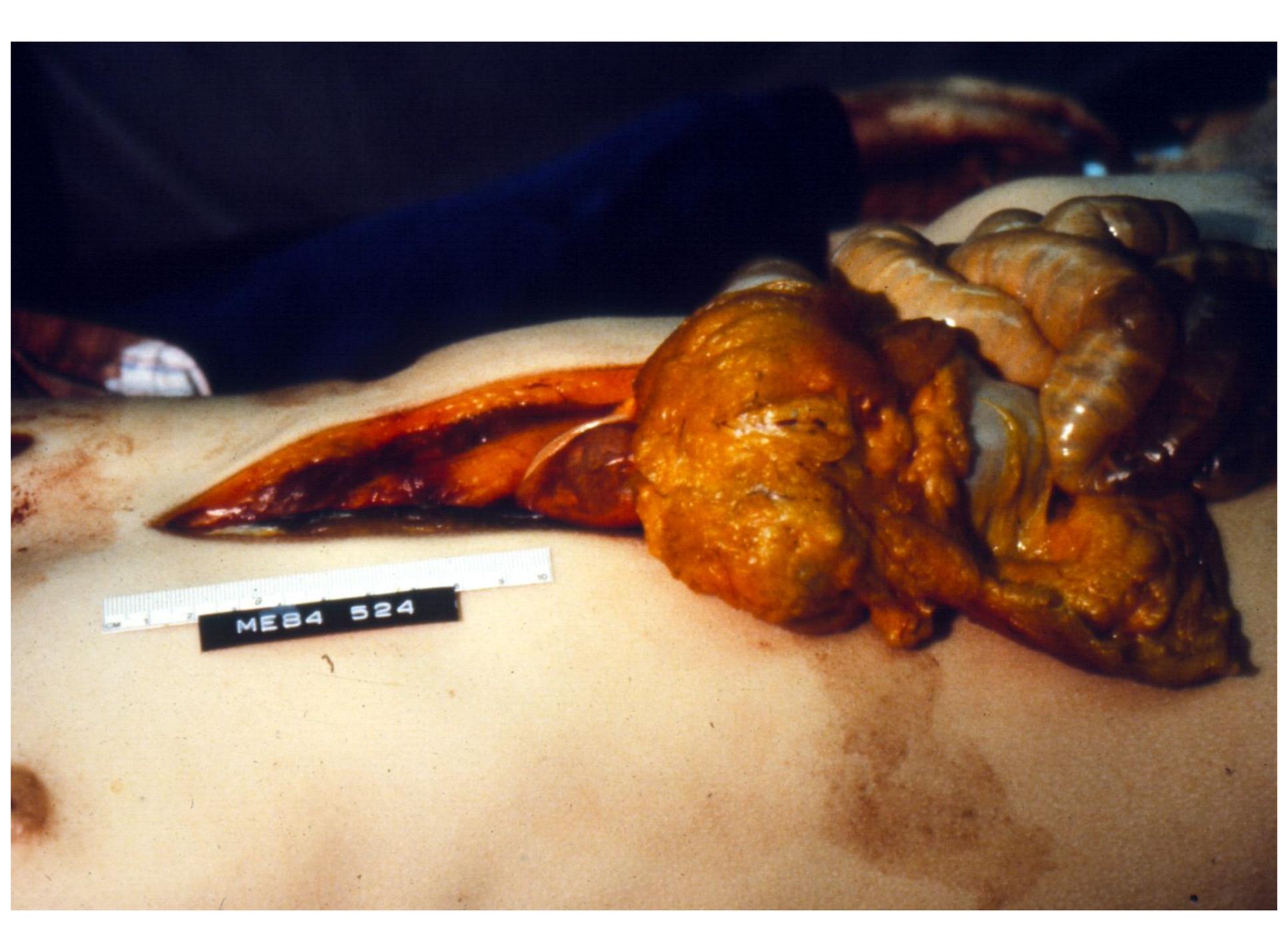


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HIT & RUN









AAA

ME82 2092

A photograph showing a person lying on a concrete floor. The person is wearing blue jeans and a white shirt. A large, dark red bloodstain is visible on the person's chest area. The person is positioned next to a metal structure, possibly a door or a wall, which has some blood splatters on it. A metal grate is visible on the left side of the frame. A white evidence marker with the number 'ME82 2092' is placed on the floor near the person's head.

ME82 2092







