

## FINAL AUTOPSY PROTOCOL

**ME 2020-2556**

**CASE TITLE: Multiple traumatic injuries due to pedestrian vs motor vehicle.**

Name Joseph Boever Age 55 Sex M Race White  
 Date of Death Fd: 9/13/20 Time Fd: 0830 Date of Exam 9/14/20 Time 1147  
 Place of Death Roadway near Highmore and State Hwy 14, Highmore (Hyde Co), SD  
 Pathologist Kelly Mills, M.D., Medical Examiner  
 Place of Exam Ramsey County Medical Examiner's Office  
 Report Sent to Hyde County Coroner  
North Dakota BCI- Special Agent Scott Voeltz

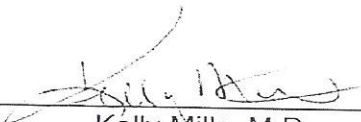
Joseph Boever, a 55 year old white male, was found dead lying in the roadway from an apparent hit and run. The body was transported to the Ramsey County Medical Examiner's Office for an examination. The findings of the examination were as follows:

- I. Multiple traumatic injuries due to pedestrian vs motor vehicle.
  - A. External injuries.
    1. Contusions of the hands, left arm, legs, and back.
    2. Abrasions of the head, face, chest, abdomen, arms, left hand, legs, and back.
    3. Lacerations of the head, face, arms, legs, and left inguinal region.
    4. Palpable fractures of the nose, right upper arm, left upper arm, chest, right lower leg, and left thigh.
    5. Traumatic amputation of the right lower leg.
  - B. Internal injuries.
    1. Subgaleal hemorrhage.
    2. Scanty subdural hemorrhage.
    3. Subarachnoid hemorrhage.
    4. Lacerations and softening of the pontomedullary junction of the brainstem.
    5. Atlantooccipital fracture/dislocation.
    6. Fractures of the ribs, right clavicle, and cervical spine (C3 and C7).
    7. Transection of the aorta, thoracic spine (T11) and spinal cord.
    8. Intraparenchymal laceration of the left lower lobe of the lung.
    9. Lacerations of the liver, spleen, right kidney, bladder, and mesentery of the bowel.
    10. Rupture of the right adrenal gland.

II. Laboratory results

A. Toxicology

1. Blood basic panel screen with quantitation- **Positive** for lorazepam (190 ng/ml); **negative** for 11-hydroxy delta-9 THC, 6-MAM, 7-amino clonazepam, acetone, acetyl fentanyl, alpha-hydroxyalprazolam, alprazolam, amobarbital, amphetamine, barbiturates, benzoylecgonine, buprenorphine, butabarbital, butalbital, cannabinoids, chlordiazepoxide, clobazam, clonazepam, cocaethylene, cocaine, cocaine metabolites, codeine, delta-9 carboxy THC, delta-9 THC, desalkylflurazepam, diazepam, dihydrocodeine/hydrocodol, EDDP, ephedrine, estazolam, ethanol, fentanyl, flurazepam, hydrocodone, hydromorphone, hydroxyethylflurazepam, hydroxytriazolam, isopropanol, MDA, MDEA, MDMA, methadone, methamphetamine, methanol, midazolam, morphine, norbuprenorphine, nordiazepam, norfentanyl, norpseudoephedrine, opiates, oxazepam, oxycodone, oxymorphone, pentobarbital, phencyclidine, phenobarbital, phentermine, phenylpropanolamine, pseudoephedrine, secobarbital, temazepam, and triazolam (NMS).
2. Electrolytes- sodium (138 mmol/L), potassium (14.0 mmol/L), chloride (120 mmol/L), BUN (17.2 mg/dl), glucose (<2 mg/dl), and creatinine (0.6 mg/dl) (HCMC).

  
Kelly Mills, M.D.  
Medical Examiner

**INTRODUCTION**

An autopsy is performed on the remains of Joseph Boever at the Ramsey County Medical Examiner's Office on September 14, 2020 at 1147 hours. Identity of the decedent is based on visual identification performed by the decedent's cousin, Nick Nemeč.

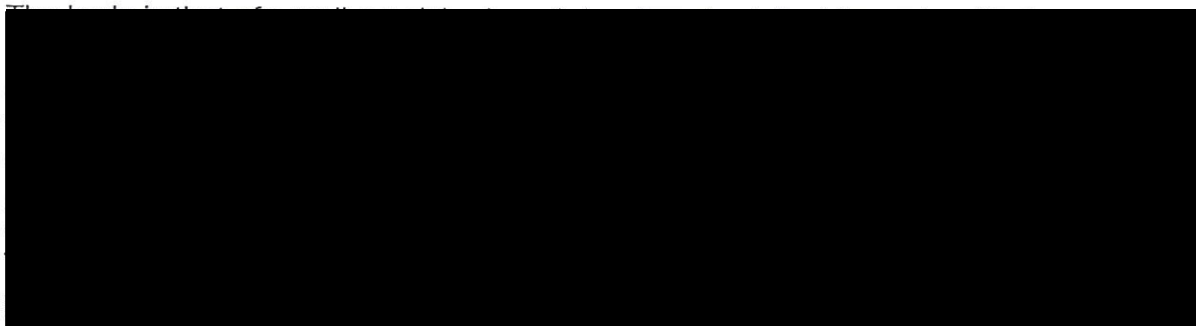
Specimens collected at the time of the postmortem examination are detailed in the following autopsy protocol.

Photographs taken at the time of the autopsy are by Kelly Mills, M.D., Medical Examiner.

**OBSERVERS**

The following people are present for the autopsy of the above stated decedent: myself, Dr. Kelly Mills, autopsy technician, Zachary Kippels, and Special Agent Scott Voeltz from the North Dakota BCI.

**EXTERNAL EXAMINATION**



POSTMORTEM CHANGES:



EVIDENCE OF THERAPEUTIC INTERVENTION: None.

DESCRIPTION OF CLOTHING:

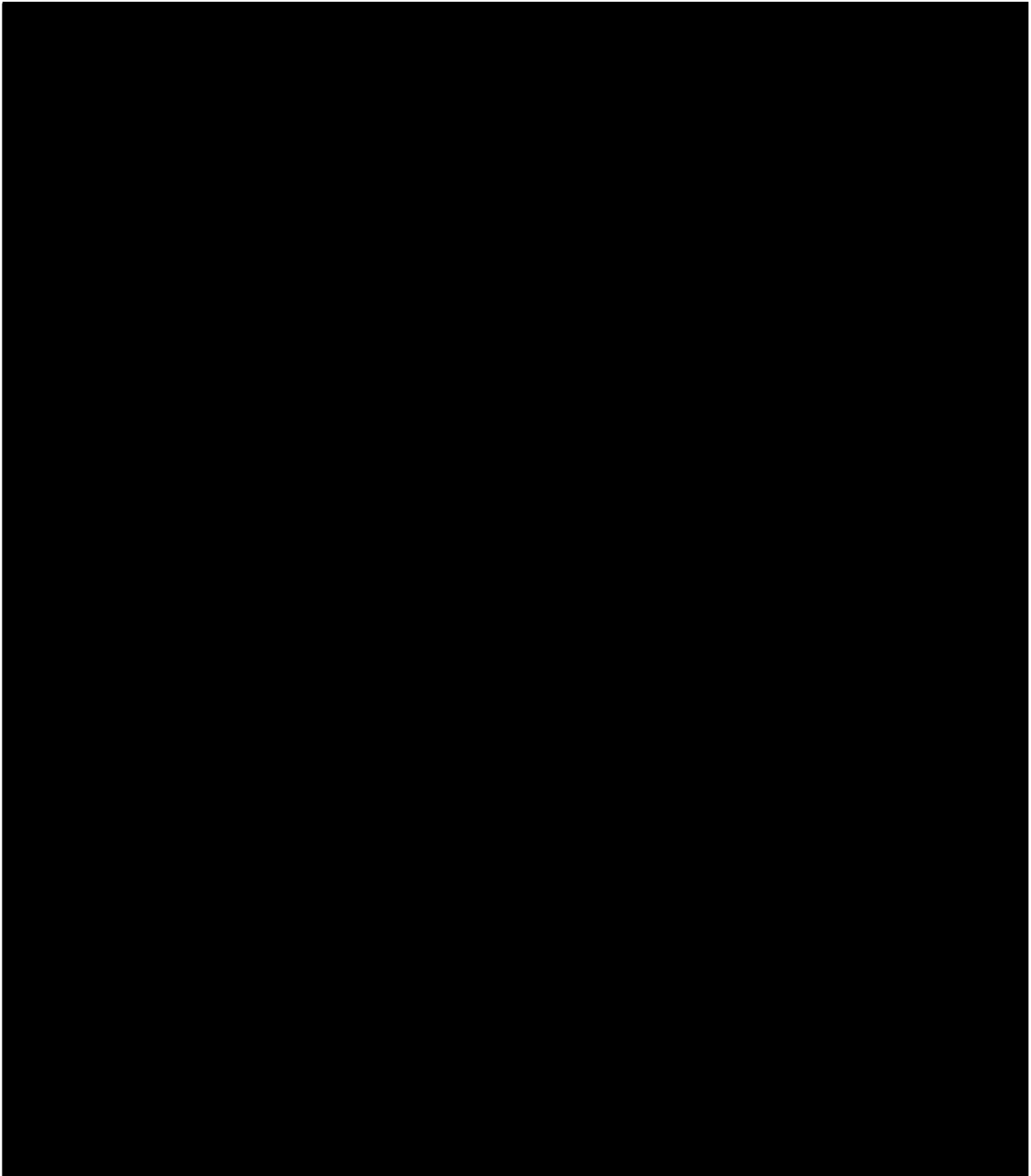
A blue thermal shirt, a pair of blue jeans, a black belt, a pair of brown boots (heel thickness-1 1/2 inches), a dark blue T-shirt, a pair of long gray socks, and a pair of white ankle socks accompanies the body.

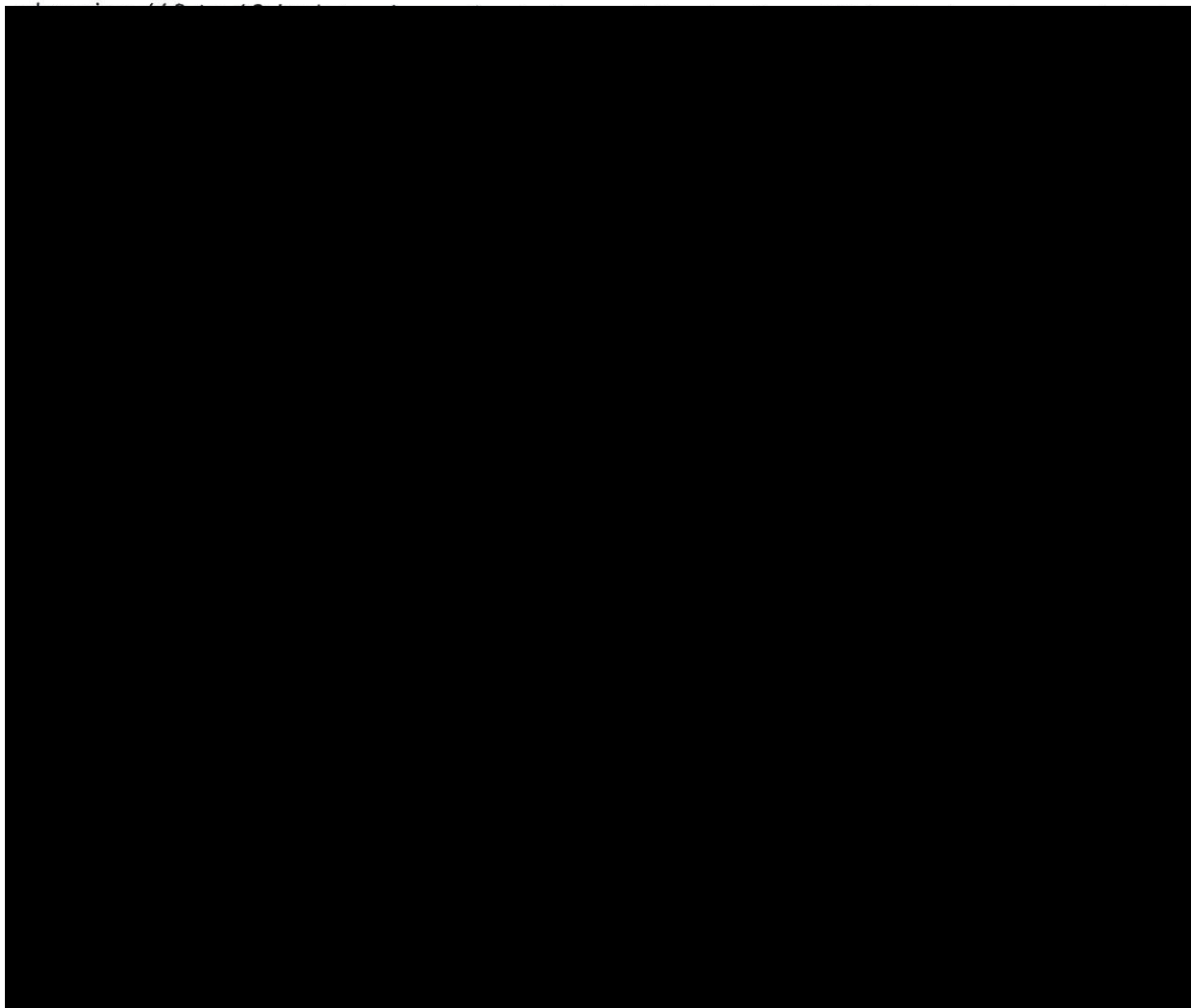
MEDICATIONS: None.

IDENTIFYING MARKS:



EVIDENCE OF INJURY



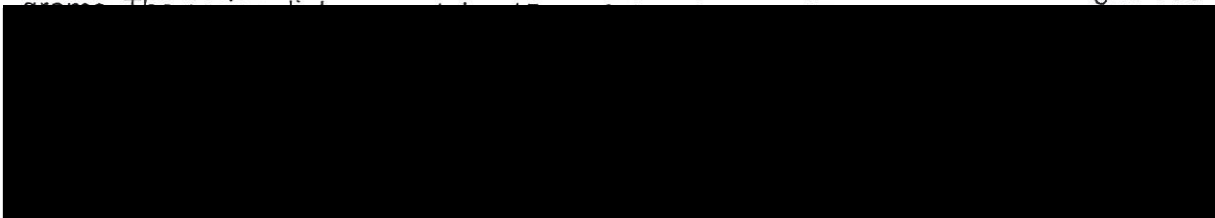


**INTERNAL EXAMINATION**

The body is opened in the usual fashion to reveal organs in their normal anatomic positions with normal relationships to one another. Organ dissection begins at 1315 hours.


CARDIOVASCULAR SYSTEM

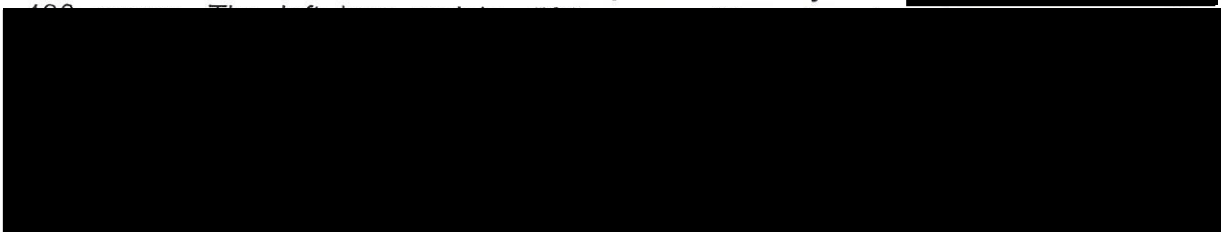
Refer to evidence of injuries for a description of the injuries. ~~The heart weighs 400 grams. The lungs weigh 100 grams.~~






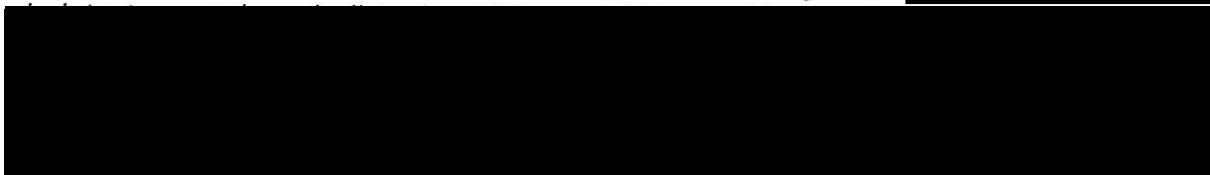
RESPIRATORY SYSTEM

Refer to evidence of injuries for a description of the injuries. 



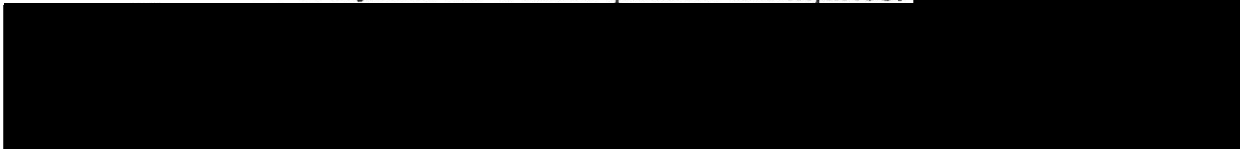
GASTROINTESTINAL SYSTEM

Refer to evidence of injuries for a description of the injuries. 



HEPATOBIILIARY SYSTEM

Refer to evidence of injuries for a description of the injuries. 



SPLEEN

Refer to evidence of injuries for a description of the injuries. 



PANCREAS



ENDOCRINE ORGANS

[REDACTED]

GENITOURINARY SYSTEM

Refer to evidence of injuries for a description of the injuries.

[REDACTED]

REPRODUCTIVE SYSTEM

[REDACTED]

NECK STRUCTURES

Refer to evidence of injuries for a description of the injuries.

[REDACTED]

HEAD

Refer to evidence of injuries for a description of the injuries.

There are no skull fractures. There is no evidence of

[REDACTED]

VERTEBRAL COLUMN

Refer to evidence of injuries for a description of the injuries.

[REDACTED]

X-RAYS

Full body x-rays reveal fractures in the cervical and thoracic spine, ribs, and right clavicle, right humerus, right femur, right tibia, left humerus, and left femur.

[REDACTED]

[REDACTED]

**MICROSCOPIC EXAMINATION**

Blocks: 1-4

*Cassette 1: pancreas*

*Cassettes 2-4: adrenal glands*

[REDACTED]

[REDACTED]

**SPECIMENS**

Samples of the vitreous humor from the eyes, central blood, gastric contents, a portion of liver, and bile are collected and retained. Sexual assault specimens, blood on cloth, and fingerprints are collected and retained.

**TOXICOLOGY**

I. Laboratory results

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