



Hamilton County Coroner

The Frank P. Cleveland, M.D. Institute of Forensic Medicine, Toxicology and Criminalistics
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HANNA RHODEN

CC16-01421

OPINION

Diagnoses:

1. Multiple gunshot wounds to the head, two, with nine lead bullet fragments recovered:
 - a. Gunshot #1 is a single, indeterminate-distance, penetrating gunshot wound to the head:
 - 1) Entrance: Left parieto-occipital scalp
 - 2) Path: Scalp, bone and brain
 - 3) Projectile: Deformed lead fragment recovered from right frontoparietal lobe
 - 4) Direction of fire through the body: Left to right and back to front.
 - b. Gunshot #2 is a single, indeterminate-distance, penetrating gunshot wound to the head:
 - 1) Entrance: Left posterior temporal scalp
 - 2) Path: Scalp, bone, brain and epidural space
 - 3) Projectile: Deformed lead fragment recovered from epidural space by right occiput
 - 4) Direction of fire through the body: Left to right.
 - c. Subgaleal hemorrhages, right subdural hemorrhage and right subarachnoid hemorrhage
 - d. Inferior cortical contusions with brain perforations and lacerations.
2. Postmortem toxicology:
 - a. Presence of caffeine
 - b. Negative for drugs or ethyl alcohol.

Cause of Death: It is my opinion, based on the autopsy findings and the information available to me at the time of the autopsy that the cause of death is multiple gunshot wounds to the head.

K. Looman

Karen Looman, D.O.

Chief Deputy Coroner, Forensic Pathologist
Hamilton County, Ohio

7/11/2016

Date

POSTMORTEM EXAMINATION OF THE BODY OF

HANNA RHODEN

A postmortem examination of the body identified by Pike County Coroner's Office as "Hanna Rhoden" is performed at the Hamilton County Coroner's Office on Saturday, April 23, 2016 at 11:42 a.m. by Dr. Karen Looman. The morgue attendants are Tony Kimble and Tyrone Smith. Agent William L. Jones Jr. from BCI (Ohio Bureau of Criminal Identification and Investigation) observed the autopsy.

HISTORY:

The decedent is a 19-year-old white female who was found deceased in her home with multiple gunshot wounds.

EXTERNAL EXAMINATION

GENERAL:

The body is that of a normally developed, well-nourished, adult female who is 185-1/2 pounds, 67-inches in height, and appears appropriate for the stated age. The body is cool to the touch due to refrigeration. Rigor mortis is absent. Livor mortis is red and in both a right lateral and posterior distribution except over areas exposed to pressure.

The scalp hair is blonde-brown and long. A gray linear pressure mark indents the scalp behind the left ear. The sclerae are free of petechia, icterus or hemorrhage. The irides are brown. The mouth has native dentition and a small foam cap is at the lips. The chest has a normal anteroposterior diameter without costal margin flaring. The breasts are lactating, full and free of palpable masses. The abdomen is slightly protuberant. There are striae around the waistline. There is a piercing of the superior umbilicus within an area of hyperpigmentation. The external genitalia are normal for an adult female. The spine is straight. The pelvis is stable to manipulation. The extremities are not edematous. There are brown paper bags on both hands. The fingernails are short. There is hair stubble along the lower extremities. On the right great toe is an identification tag within name "Hanna Rhoden".

CLOTHING/PERSONAL EFFECTS:

The body is dressed in pink and black underwear containing a sanitary pad, black shorts and a grey T-shirt.

There is a white metal stud with a white stone in the right nostril. The right ear has a black loop piercing through the helix, a white metal through the medial upper ear attachment and a round, purple, button piercing through the ear lobe. The left earlobe has a purple, button piercing.

SCARS/TATTOOS:

There is a linear scar across the anterior left chin. There are linear scars in the left axilla.

There is a "Love" tattoo behind the right ear. The left inguinal region has "EJW". The volar right wrist has a cross in white color. The left volar wrist has a design. There is a tattooed band around the left fourth finger.

MARKS OF THERAPY:

None.

EVIDENCE OF INJURY:

There are two gunshot wounds to the head. Nine deformed lead fragments are recovered. The wounds are numbered for convenience and not indicate the order in which they were inflicted.

Gunshot wound #1 is a single, indeterminate-distance, penetrating gunshot wound to the head. Entrance: Left parieto-occipital scalp, consisting of a 1/8-inch round defect with a 1/16-inch eccentric abrasion collar at the 9 o'clock margin and a 1/8-inch abrasion collar at the 3-o'clock margin, and with no soot or stippling on the skin, located 2-1/2-inches from the top of the head, 4-inches left of midline and 6-1/4-inches posterior to the glabella. Path: Scalp, bone and brain. Projectile: Deformed lead bullet fragment recovered from within the right frontoparietal brain tissue. Direction of fire through the body: Left to right, back to front.

Gunshot wound #2 is a single, indeterminate-distance, penetrating gunshot wound to the head. Entrance: Left posterior temporal scalp, consisting of a 1/8-inch round defect with a 1/8-inch eccentric abrasion collar at the 6 to 7 o'clock margin and with the rest of the abrasion collar at 1/16-inch wide, and with no soot or stippling on the skin, located 4-1/2-inches from the top of the head, approximately 4-inches left of midline and 5-1/2-inches posterior to the glabella. The abrasion collar is blackened at the 5-o'clock margin. Path: Scalp, bone, brain and epidural space. Projectile: Deformed lead bullet fragment recovered from the epidural space around the right occipital lobe. Direction of fire through the body: Left to right.

Projectiles: Multiple small and large lead fragments are recovered from the bullet entrance defects and throughout the brain tissue.

Other injuries: The left lower eyelid has a purple subcutaneous hemorrhage. Very superficial linear abrasions are on the right breast and right lower chest wall. Very superficial linear red abrasions are on the lateral left hip region. The back of the right hand has a faint purple-green contusion. The left antecubital fossa has a green-brown contusion. The left volar forearm has a brown contusion with central blanching and a possible needle puncture. The back of the left hand has a brown contusion. Linear abrasions are on the left patella and left proximal lower leg. Minute scabs are on the distal left lower leg.

X-RAYS:

Films of the head and upper chest are taken.

INTERNAL EXAMINATION

The internal organs and serosal surfaces show mild decomposition changes.

SEROUS CAVITIES:

There is 300 milliliters of serosanguineous fluid in the right hemithorax and 200 milliliters in the left. There are no other fluid collections or adhesions within the pleural, peritoneum or pericardium.

NECK ORGANS:

There are no injuries to the strap muscles, hyoid bone or thyroid cartilage. The thyroid gland is congested and purple. Upon sectioning, there are no focal lesions. A thymic remnant is in the anterior mediastinum.

HEART:

The heart is 325 grams. The coronary arteries arise normally and are right-sided dominant. There is no coronary artery disease. The myocardium is red, firm and without scars. The septa are intact. The foramen ovale is sealed. The left ventricular wall is concentric. The valves are thin, delicate, and unremarkable.

AORTA:

The aorta has minimal fatty streaks along its length.

LUNGS:

The right lung is 485 grams, and the left lung is 585 grams. The tracheobronchial tree is free of fluid, foam or obstruction. Both lungs are normally aerated. There is mild anthracotic pigment across the surfaces. Upon sectioning, there is mild pulmonary edema that exudes from the cut surfaces. There are no focal lesions.

LIVER AND GALLBLADDER:

The liver is 2,050 grams. The capsule is intact and covers a red-brown parenchyma. Upon sectioning, there are no focal lesions. The gallbladder contains 5 milliliters of yellow bile. There are no stones in the lumen.

SPLEEN:

The spleen is 270 grams. The capsule is intact and covers a firm, dark red parenchyma. The white pulp is easily visualized and is unremarkable.

PANCREAS:

The pancreas has a normal tan-brown, lobulated architecture without focal lesions.

ADRENAL GLANDS:

The glands have yellow cortices and tan medullae without focal lesions.

GASTROINTESTINAL TRACT:

The tongue is atraumatic. The esophagus is patent. The gastroesophageal junction has a scant amount of mucosal hemorrhage. The gastric mucosa is unremarkable with retention of the rugal folds. The stomach contains 200 milliliters of tan-brown fluid with white food fragments. The small and large intestines are distended with gas. The appendix is present.

KIDNEYS:

The right kidney is 160 grams, and the left kidney is 200 grams. Both capsules strip with ease from each smooth cortical surface. Upon bisection, the calyces are patent and free of stones or hydronephrosis.

BLADDER:

The bladder contains 5 milliliters of clear, yellow urine. The mucosa is light tan and unremarkable.

GENITALIA/MAMMARY GLANDS:

The uterus, Fallopian tubes and ovaries are present. The uterus is enlarged, as it is recently postpartum, and is 5.0 x 12.0 x 20-centimeters. The serosa is smooth. The myometrium is thickened. The endometrium has large dilated blood vessels in the wall and the surface is rough, red and raw appearing with minimal hemorrhage. No products of conception or placental fragments are retained. There is dark purple hemorrhage along the endometrial canal. The cervix is dilated. The Fallopian tubes are thin, purple and unremarkable. Both ovaries are soft, boggy and have several follicles. The ovarian vein within the left broad ligament is greatly swollen and firm with an antemortem thrombus that extends the whole length of the vessel to the attachment at the renal vein near the left calyx. There are four vessels in the cross section of the ligament and the largest diameter vessel is the ovarian vein at 1.0-centimeters wide. The right ovarian vein and artery are within normal limits. Both breasts are tense. The parenchyma is patchy and pink-yellow with lactating ducts. There are no lesions.

BRAIN AND MENINGES:

The brain is 1,370 grams. There is no epidural hemorrhage. There is a purple subdural hemorrhage and red subarachnoid hemorrhage along the right hemisphere. The leptomeninges have been perforated by bullets but are otherwise thin and free of purulent exudate. The inferior right temporal lobe has cortical contusions. There is hemorrhage along the rostral brain stem. There is a bullet perforation through the left and right occipital lobes and through the left parieto-occipital lobe to the right frontoparietal lobe. The cranial nerves and vessels are unremarkable. Upon sectioning, the cortical ribbon is thin and even. There are lacerations along the bullet paths. There are no other lesions within the white matter or deep gray nuclei. The brain stem and cerebellum are free of hemorrhage and lesions.

SKULL AND SUBGALEA:

The left parieto-occipital bones and the left posterior temporal bone have bullet perforations with metallic lead fragments within the lumens. The right temporal bone has a stellate fracture site but no bullet fragments present or bullet perforation. The basilar skull has a left orbital plate fracture, fractures across both middle cranial fossae and left posterior cranial fossa. Purple subgaleal hemorrhages surround the bullet entrance defects.

RIBS/STERNUM:

The ribs and sternum are atraumatic and within normal limits.

VERTEBRAE:

The vertebrae are atraumatic and within normal limits.

PELVIS:

The pelvis is atraumatic and within normal limits.

EXTREMITIES:

The extremities have tattoos, contusions, abrasions and scabs as previously described.

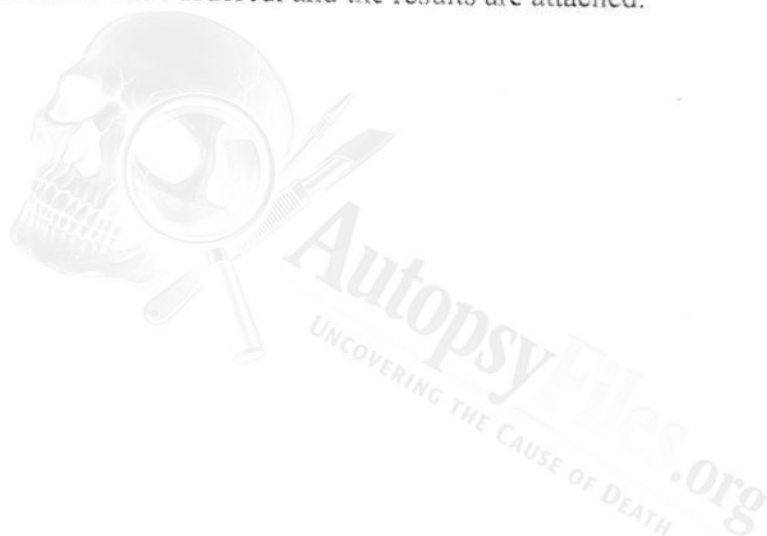
MICROSCOPIC EXAMINATION

Not performed.

LABORATORY EXAMINATION

Laboratory examinations were ordered, and the results are attached.

07/08/2016 njb





HAMILTON COUNTY CRIME LABORATORY

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TOXICOLOGY REPORT

SUBJECT NAME(S): Rhoden, Hanna
SUBMITTING AGENCY: Pike County Coroner

FILE #: CC16-01421
DATE REPORTED: 05/20/2016

RESULTS:

Headspace Gas Chromatography:

Item #	Specimen	Results	Concentration
1-5	Peripheral blood - A	Ethyl Alcohol	Negative

Immunoassay Screen (ELISA) **Presumptive**:

ELISA Screen: Amphetamine, Barbiturates, Benzodiazepines, Cannabinoids, Carisoprodol, Cocaine/Metabolites, Fentanyl, Methadone, Methamphetamine, Opiates, Oxycodone, Tramadol, Tricyclic Antidepressants, Zolpidem.

Item #	Specimen	Results	Concentration
1-6	Peripheral blood - B	Negative	

General Drug Screen (GCMS*):

Item #	Specimen	Results	Concentration
1-6	Peripheral blood - B	Caffeine	PRESENT

* Gas Chromatography / Mass Spectrometry

The Caffeine result for Item #1-6 is qualitatively PRESENT, but has not been confirmed by an alternate analytical method.

Rachel M. Hamilton

Rachel M. Hamilton
Toxicologist

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