



OFFICE of the MEDICAL INVESTIGATOR

DEATH INVESTIGATION SUMMARY

Case Number: 2017-06753

ATCHISON, WILLIAM

County Pronounced: San Juan

Law Enforcement:

Agent: NMSP Agent R. Matthews

Date of Birth: 3/18/1996

Pronounced Date/Time: 12/7/2017 4:25:00 PM

Central Office Investigator: Rhonda Moya

Deputy Field Investigator: Rhonda Moya

CAUSE OF DEATH

Intraoral gunshot wound of head

MANNER OF DEATH

Suicide

Mark Giffen, DO

Pathology Resident

Lauren E Dvorscak, MD

Medical Investigator, Assistant Professor of
Pathology

All signatures authenticated electronically

Date: 2/2/2018 4:21:41 PM

DECLARATION

The death of ATCHISON, WILLIAM was investigated by the Office of the Medical Investigator under the statutory authority of the Office of the Medical Investigator.

I, Lauren E Dvorscak, MD, a board certified anatomic, clinical, and forensic pathologist licensed to practice pathology in the State of New Mexico, do declare that I personally performed or supervised the tasks described within this Death Investigation Summary document. It is only after careful consideration of all data available to me at the time that this report was finalized that I attest to the diagnoses and opinions stated herein.

Numerous photographs were obtained along the course of the examination. I have personally reviewed those photographs and attest that they are representative of findings reported in this document.

This document is divided into 8 sections with a final Procedural Notes section:

1. Summary and Opinion
2. External Examination
3. Medical Intervention
4. Postmortem Changes
5. Evidence of Injuries
6. Internal Examination
7. Microscopy
8. Postmortem Computed Tomography

Should you have questions after review of this material, please feel free to contact me at the Office of the Medical Investigator (Albuquerque, New Mexico) - 505-272-3053.

Case Number: 2017-06753

Summary Opinion

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Medical Investigator Trainee

Mark Giffen, DO

SUMMARY AND OPINION

PATHOLOGIC DIAGNOSES:

- I. Perforating, intraoral gunshot wound of the head, contact range
 - A. Path: palate, basilar skull, pituitary, brain, skull, scalp
 - B. Trajectory: front to back, upward
 - C. Associated injuries:
 - 1. Periorbital ecchymosis
 - 2. Avulsion, incisors
 - 3. Mucosal lacerations, lips and gingivae
 - 4. Subscalpular and subgaleal hemorrhage
 - 5. Fractures, facial, calvarial, and basilar skull
 - 6. Subarachnoid hemorrhages
 - 7. Intraparenchymal and cortical contusions, temporal lobes and basal ganglia
 - 8. Intraventricular hemorrhage
 - 9. Pneumocephalus, by computed tomography
- II. Blunt trauma
 - A. Contusions, abrasions, and lacerations, hands
 - B. Contusion, posterior thigh
- III. Hepatic steatosis, mild
- IV. Simple cyst, left renal cortex

SUMMARY AND OPINION:

This 21-year-old man, William Atchison, died of an intra-oral gunshot wound of the head.

According to investigative reports, Mr. Atchison entered a high school in Aztec, New Mexico on 12/7/2017 in the morning. He reportedly fired a handgun and shot two students (OMI# 2017-06754 and OMI# 2017-06755), prior to taking his own life.

Autopsy revealed a single, contact-range, intraoral gunshot wound of the head with lethal injuries of the skull and brain. Numerous skull and facial fractures were associated with air in the cranial vault, as well as bleeding around and within the brain. A projectile was not retained. Additional injuries included bruises, skin scrapes and small skin tears on the knuckles of the hands, as well as a bruise on the thigh. Faint ink markings were on the skin of the lower extremities.

Evidence of natural disease included mild fatty changes in the liver and a non-cancerous cyst in the left kidney.

Toxicology analysis of the postmortem femoral blood and urine was negative for alcohol and common drugs of abuse.

Mr. Atchison died as the result of a self-inflicted, intraoral gunshot wound of the head. The manner of death is suicide.

Case Number: 2017-06753

External Examination

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Medical Investigator Trainee

Mark Giffen, DO

External exam date time: 12/8/2017 8:51:00 AM

Authority for examination: OMI

ID confirmed at time of exam: Yes

Means used to confirm identity: Visual

Other verification means:

Location of orange bracelet: Right wrist

Name on orange bracelet: Decedent name

Other name on orange bracelet:

Location of green bracelet: Right wrist

Name on green bracelet: Decedent name

Other name on green bracelet:

Hospital ID tags or bracelets? No

If yes specify stated name and location:

Body length (cm): 176.00

Body weight (kgs): 48.60

BMI: 15.69

Development: Well-developed

Development comments:

Stature: Thin

Age: Appears to be stated age

Anasarca: No

Edema localized: No

Dehydration: No

Skin comments:

The facial skin is freckled.

Scalp hair color: Brown

Scalp hair length: Short

Eyes: Both eyes present

Irides: Brown

Eyes corneae: Translucent

Eyes sclerae: White

Eyes conjunctivae: Translucent

Eyes petechiae: No

Palpebral petechiae: No

Bulbar petechiae: No

Facial petechiae: No

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External Examination

ATCHISON, WILLIAM

Oral mucosal petechiae: No
Nose: Normally formed
Ears: Normally formed
Lips: Normally formed

Facial comments:

Paper material is within both external ear canals.

Please refer to the "evidence of injuries" section for a description of periorbital ecchymosis.

Facial hair: Stubble in the pattern of a beard
Facial hair color: Does not apply
Maxillary dentition: Natural
Mandibular dentition: Natural
Condition of dentition: Adequate

Dentition comments:

Please refer to the "evidence of injuries" section for additional information.

Neck: Unremarkable
Trachea midline: Yes
Chest development: Normal
Chest symmetrical: Yes
Chest diameter: Appropriate
Abdomen: Flat
Anus: Unremarkable
Back: Unremarkable
Spine: Normal
External genitalia: Male
Breast development: None
Breast masses: None
Right hand digits complete: Yes
Left hand digits complete: Yes
Right foot digits complete: Yes
Left foot digits complete: Yes
Extremities: Well-developed and symmetrical

Extremities comment:

The hands are covered in paper bags, secured at the wrists with tape.

Muscle group atrophy: No
Senile purpura: No
Pitting edema: No
Muscle other: No

Tattoo(s)

Tattoos present: No

Cosmetic Piercing(s)

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External Examination

ATCHISON, WILLIAM

Cosmetic piercing present: No

Scar(s)

Scar(s) present: Yes

Scar right lower leg: Yes

External exam comment:

Faint ink markings and a symbol are on the skin, generally oriented upside-down, as follows:

1. On the left, upper thigh are markings that appear as "SS", "AMOG" and a swastika symbol.
2. Above the left knee is a marking that appears as "BUILD WALL".
3. In the right groin is a marking that appears as "your home".

A trace hair is collected from the left hand and packaged as evidence.

Reporting Tracking

Reported by: Mark Giffen, DO

Verified by: Lauren E Dvorscak, MD on 2/1/2018 10:03:00 AM

Reviewed and approved by: Lauren E Dvorscak, MD on 2/2/2018 4:21:42 PM

Case Number: 2017-06753

Medical Intervention

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Medical Investigator Trainee

Mark Giffen, DO

Evidence of medical intervention: No

Report Tracking

Reported by: Mark Giffen, DO
Verified by: Lauren E Dvorscak, MD on 2/1/2018 10:09:19 AM
Reviewed and approved by: Lauren E Dvorscak, MD on 2/2/2018 4:21:42 PM

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Postmortem Changes

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Medical Investigator Trainee

Mark Giffen, DO

External exam date: 12/8/2017 8:51:00 AM
Body temperature: Cool subsequent to refrigeration
Rigor mortis: Partially fixed
Livor mortis - color: Purple
Livor mortis - fixation (if applicable): Fully Fixed
Livor mortis - position (if applicable): Posterior
State of preservation: No decomposition

Report Tracking

Reported by: Mark Giffen, DO
Verified by: Lauren E Dvorscak, MD on 2/1/2018 10:09:35 AM
Reviewed and approved by: Lauren E Dvorscak, MD on 2/2/2018 4:21:42 PM

Case Number: 2017-06753

Evidence of Injury

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Medical Investigator Trainee

Mark Giffen, DO

Are there any injuries: Yes

Evidence of Injury:

Autopsy date: 12/8/2017 8:51:00 AM

#	Injury	Location	Injury Description
1	Firearm injury	Head	<p>GUNSHOT WOUND OF HEAD, INTRAORAL</p> <p>Entrance:</p> <p>On the left side of the hard palate, approximately 14.5 cm inferior to the top of the head and 1 cm left of anterior midline is an entrance gunshot wound consisting of a 2 x 1.8 cm, irregular defect. When viewed from below, a circumferential mucosal abrasion measures up to 0.3 cm in width at 6 o'clock. Soot is within the mouth, visible at the wound edges and within the wound track. No stippling is visible surrounding the entrance wound.</p> <p>Path:</p> <p>The hemorrhagic wound track sequentially perforates the left side of the hard palate, basilar skull, anterior sella turcica, pituitary gland, dura, left optic nerve, left basal ganglia, anterior corpus callosum, left medial parietal lobe, dura, left parietal skull near the vertex, and left parietal scalp. A projectile is not retained.</p> <p>Associated injuries:</p> <p>Blue-purple, periorbital ecchymosis is most prominent on the upper eyelids, measuring up to 4.5 x 3 cm on the right and 3 x 2.5 cm on the left. Blood is within the right external ear canal.</p> <p>The maxillary incisors demonstrate variable avulsion from the tooth sockets. The upper and lower lips are lacerated, with extension to the gingival surfaces. The hard palate has a midline fracture. Bloody fluid is within the upper and lower airways.</p> <p>Reflection of the scalp reveals patchy subscalpular hemorrhage. Focal subgaleal hemorrhage is at the posterior parieto-occipital skull, predominantly on the right side.</p> <p>Numerous calvarial and basilar skull fractures are present. Skull fractures also involve the bilateral orbits, the crista galli, and bilateral sphenoid wings. The exit wound in the calvarium is associated with external beveling of the outer skull table. The sella turcica and pituitary gland are disrupted. The anterior basilar circulation is disrupted; however the remainder of the Circle of Willis is overall intact.</p> <p>Patchy subarachnoid hemorrhages are present, involving the</p>

Evidence of Injury

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Printed: 2/19/2018 11:48:56 AM

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Evidence of Injury

ATCHISON, WILLIAM

			<p>bilateral cerebral hemorrhages and right cerebellar lobe. Intraventricular hemorrhage is present within the lateral ventricles. Cortical contusions and intraparenchymal hemorrhage involve the bilateral medial temporal lobes, and basal ganglia.</p> <p>Pneumocephalus is detected by postmortem computed tomography scans. Please refer to the "postmortem computed tomography" section for additional information.</p> <p>Exit:</p> <p>On the left parietal scalp, 1 cm left of the superior midline and at the vertex of the head is a 1.5 x 1.3 cm, stellate laceration without marginal abrasion.</p> <p>Trajectory:</p> <p>The wound track travels from the decedent's front to back and upwards.</p> <p>Clothing:</p> <p>On the hood area of the black sweatshirt is a 3 x 3 cm, irregular, frayed defect likely corresponding to the exit wound. Soot or unburned gunpowder particles are not visible on the fabric surrounding the defect.</p>
2	Blunt injury	Extremities	<p>On the right shoulder is a 3 x 2 cm, dried, red contusion.</p> <p>On the dorsal surfaces of the hands, at the knuckles, are red-purple contusions, with innumerable abrasions and superficial lacerations. The contusions involve an area up to 11 x 8.5 cm on the right hand, and up to 13 x 9 cm on the left hand. The abrasions and lacerations individually measure up to 1 cm in maximal dimension.</p> <p>A 4 x 1.5 cm, yellow-green, contusion is on the left, posterior thigh.</p>

Report Tracking

Reported by: Mark Giffen, DO

Verified by: Lauren E Dvorscak, MD on 2/1/2018 11:19:37 AM

Reviewed and approved by: Lauren E Dvorscak, MD on 2/2/2018 4:21:42 PM

Case Number: 2017-06753

Internal Examination

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Medical Investigator Trainee

Mark Giffen, DO

Date of Autopsy: 12/8/2017 8:51:00 AM

Date of Internal Exam: 12/8/2017 8:51:00 AM

BODY CAVITIES

Chest cavities examined: Yes

See evidence of injury section: No

Organs in normal anatomic position: Yes

Other organ position comments:

Diaphragm: Intact

Serosal surfaces: Smooth and glistening

Body cavity adhesions present: No

Fluid accumulation present: No

HEAD

Brain examined: Yes

See separate forensic neuropathology consultation report: No

See evidence of injury section: Yes

See evidence of medical Intervention section: No

See postmortem changes section: No

Brain fresh (g): 1320

Brain fixed (g):

Facial skeleton: See Evidence of Injury

Calvarium: See Evidence of Injury

Skull base: See Evidence of Injury

Skull comments:

Dura mater: See Evidence of Injuries

Dural venous sinuses: Patent

Leptomeninges: See Evidence of Injuries

Epidural hemorrhages / hematomas: Absent

Subdural hemorrhages / hematomas: Absent

Subarachnoid hemorrhages: See Evidence of Injury

Cerebral hemispheres: See Evidence of Injuries

Gyral and sulcal patterns: Unremarkable

Gyral convolutions and sulci: No widening or flattening of gyri and no narrowing of sulci

Uncal processes: Unremarkable

Cerebellar tonsils: Unremarkable

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Internal Examination

ATCHISON, WILLIAM

Cranial nerves: See Evidence of Injury
Basilar arterial vasculature: Other - See comments
Cerebral cortex: See Evidence of Injury
White matter: See Evidence of Injury
Corpus callosum: See Evidence of Injury
Deep gray matter structures: See Evidence of Injury
Brainstem: Unremarkable
Cerebellum: Unremarkable

Other brain comments:

The anterior basilar arterial vasculature is focally disrupted. The remainder of the vasculature is unremarkable, without evidence of atherosclerotic plaques. Please refer to the "evidence of injuries" section.

Spinal Cord

Spinal cord examined: No

Middle Ears

Middle ears examined: No

Neck

Neck examined: Yes
See Evidence of Injury section: No
See Evidence of Medical Intervention section: No
See Postmortem Changes section: No
Subcutaneous soft tissues: Unremarkable
Strap muscles: Unremarkable
Jugular veins: Unremarkable
Carotid arteries: Unremarkable
Tongue: Unremarkable
Epiglottis: Unremarkable
Hyoid bone: Unremarkable
Larynx: Unremarkable
Palatine tonsils: Not examined

CARDIOVASCULAR SYSTEM

Heart examined: Yes
See separate Cardiovascular Pathology report: No
See Evidence of Injury section: No
See Evidence of Medical Intervention section: No
See Postmortem Changes section: No

Heart

Right coronary ostium position: Normal
Left coronary ostium position: Normal
Supply of the posterior myocardium: Right coronary artery
Heart fresh (g): 205.0

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Internal Examination

ATCHISON, WILLIAM

Heart fixed (g):

Coronary artery stenosis by atherosclerosis (in percent):	
Right coronary ostium:	0
Proximal third right coronary artery:	0
Middle third right coronary artery:	0
Distal third right coronary artery:	0
Left coronary ostium:	0
Left main coronary artery:	0
Proximal third left anterior descending coronary artery:	0
Middle third left anterior descending coronary artery:	0
Distal third left anterior descending coronary artery:	0
Proximal third left circumflex coronary artery:	0
Middle third left circumflex coronary artery:	0
Distal third left circumflex coronary artery:	0

Cardiac Chambers and Valves:

Cardiac chambers:	Unremarkable
Tricuspid valve:	Unremarkable
Pulmonic valve:	Unremarkable
Mitral valve:	Other - See comments
Aortic valve:	Unremarkable
Other valve comments:	
The mitral valve leaflets are mildly thickened but flexible.	
Right ventricular myocardium:	No fibrosis, erythema, pathologic infiltration of adipose tissue or areas of accentuated softening or induration
Left ventricular myocardium:	No fibrosis, erythema, or areas of accentuated softening or induration
Atrial septum:	Unremarkable
Ventricular septum:	Unremarkable
Right ventricular free wall thickness:	0.3 cm
Left ventricular free wall thickness:	0.6 cm
Interventricular septum thickness:	0.7 cm

Aorta

Aorta examined:	Yes
Orifices of the major vascular branches:	Patent
Coarctation:	No
Vascular dissection:	No
Aneurysm formation:	No
Complex atherosclerosis:	No

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Internal Examination

ATCHISON, WILLIAM

Other aortic pathology: No

Vena Cava

Great vessels examined: Yes

Vena cava and major tributaries: Patent

RESPIRATORY SYSTEM

Lungs examined: Yes

See separate Cardiovascular
Pathology report: No

See Evidence of Injury section: No

See Evidence of Medical
Intervention section: No

See Postmortem Changes section: No

Lung right (g): 375

Lung left (g): 150

Upper and lower airways: Other - See comments

Pulmonary parenchyma color: Other - See comments

Pulmonary parenchyma congestion
and edema: Slight amounts of blood and frothy fluid

Pulmonary trunk: Free of saddle embolus

Pulmonary artery thrombi: None

Pulmonary artery atherosclerosis: None

Other airway and lung comments:

Bloody mucoid material is within the upper and lower airways. The pulmonary parenchyma is alternately light pink and dark red-purple.

HEPATOBIILIARY SYSTEM

Liver examined: Yes

See Evidence of Injury section: No

See Evidence of Medical
Intervention section: No

See Postmortem Changes section: No

Liver (g): 920

Bile vol (mL): 10

Gallstones autopsy: No

Gallstones autopsy desc:

Hepatic parenchyma (color): Red-brown

Hepatic parenchyma (texture): Unremarkable

Hepatic vasculature: Unremarkable and free of thrombus

Gallbladder: Unremarkable

Gallstones: None

Intrahepatic biliary tree: Unremarkable

Extrahepatic biliary tree: Unremarkable

GASTROINTESTINAL SYSTEM

Alimentary tract examined: Yes

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See Evidence of Injury section: No

See Evidence of Medical Intervention section: No

See Postmortem Changes section: No

Stomach contents vol (mL): 50

Stomach contents description:
Thin brown fluid

Appendix found: No

Esophagus

Course: Normal course without fistulae

Mucosa: Gray-white, smooth and without lesions

Stomach

Mucosa: Usual rugal folds

Pylorus: Patent and without muscular hypertrophy

Small Intestine

Luminal contents: Partially digested food

Mucosa: Unremarkable

Caliber and continuity: Appropriate caliber without interruption of luminal continuity

Colon

Luminal contents: Formed stool

Mucosa: Unremarkable

Caliber and continuity: Appropriate caliber without interruption of luminal continuity

Pancreas

Form: Normal tan, lobulated appearance

GENITOURINARY SYSTEM

Genitourinary system examined: Yes

See Evidence of Injury section: No

See Evidence of Medical Intervention section: No

See Postmortem Changes section: No

Kidneys

Kidneys capsules: Thin, semitransparent

Cortical surfaces: Smooth

Cortices: Normal thickness and well-delineated from the medullary pyramids

Calyces, pelves and ureters: Non-dilated and free of stones and masses

Other kidney comments:

The left kidney has a 0.5 cm, smooth walled, uniloculated cyst containing clear, yellow fluid.

Kidney right (g): 85

Kidney left (g): 85

Urine volume (mL): 20

Urine description:
light yellow

Urinary Bladder

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Internal Examination

ATCHISON, WILLIAM

Urinary bladder mucosa: Gray-tan and smooth

Male

Male: Yes

Testicles

Location: Bilaterally intrascrotal

Size: Unremarkable

Consistency: Homogeneous

Other testicle comments:

Prostate Gland

Size: Unremarkable

Consistency: Homogeneous

Other prostate gland comments:

RETICULOENDOTHELIAL SYSTEM

Reticuloendothelial system examined: Yes

See Evidence of Injury section: No

See Evidence of Medical Intervention section: No

See Postmortem Changes section: No

Spleen

Spleen (g): 135

Spleen parenchyma: Moderately firm

Spleen capsule: Intact

Spleen white pulp: Prominent

Bone Marrow

Color: Red-brown, homogeneous and ample

Lymph Nodes

Regional adenopathy: No adenopathy

Thymus

Thymus (g): 0

Parenchyma: Absent (involution by adipose tissue)

ENDOCRINE SYSTEM

Endocrine system examined: Yes

See Evidence of Injury section: Yes

See Evidence of Medical Intervention section: No

See Postmortem Changes section: No

Pituitary Gland

Size: Other - See comments

Other pituitary gland comments:

The pituitary gland is disrupted. Please refer to the "evidence of injuries" section.

Thyroid Gland

Position: Normal

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Size:	Normal
Parenchyma:	Homogeneous

Adrenal Glands

Adrenal right (g):	10
Adrenal left (g):	10
Size:	Normal
Parenchyma:	Yellow cortices and gray medullae with the expected corticomedullary ratio

MUSCULOSKELETAL SYSTEM

Musculoskeletal system examined:	Yes
See Evidence of Injury section:	Yes
See Evidence of Medical Intervention section:	No
See Postmortem Changes section:	No
Bony framework:	See Evidence of Injury
Musculature:	See Evidence of Injury
Subcutaneous soft tissues:	See Evidence of Injury
Other musculoskeletal system comments:	The uninjured bony framework, musculature, and subcutaneous soft tissues are unremarkable.

ADDITIONAL COMMENTS**Report Tracking**

Reported by:	Mark Giffen, DO
Verified by:	Lauren E Dvorscak, MD on 2/1/2018 11:46:23 AM
Reviewed and approved by:	Lauren E Dvorscak, MD on 2/2/2018 4:21:42 PM

Case Number: 2017-06753

Microscopy

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Medical Investigator Trainee

Mark Giffen, DO

Microscopic description:

The hepatocytes are arranged into plates 1-2 cell layers thick with patchy areas of mild, mixed macro- and microvesicular steatosis. The portal tracts contain an appropriate number of bile ducts and blood vessels without significant fibrosis and rare chronic inflammation. The central veins are mildly dilated but patent without thrombosis.

The pancreas is autolyzed. No significant inflammation or fibrosis are present.

The left kidney does not demonstrate any significant glomerular sclerosis or interstitial inflammation. The tubules have mild autolytic change without inflammation, tubule drop out or fibrosis. No polarizable material is present.

The heart has no significant inflammation or fibrosis. The cardiac myocytes are unremarkable. The myocardial vessels are patent without significant medial hypertrophy or thrombosis.

The lungs have normal alveolar architecture with patchy areas of intra-alveolar erythrocytes. The interstitium adjacent to the bronchi and bronchioles demonstrates focal aggregates of pigment laden macrophages. No significant fibrosis or acute inflammation is present. No polarizable material is present.

The left parietal lobe contains foci of intraparenchymal hemorrhage and intra-dural, as well as subarachnoid hemorrhage comprised predominantly of intact erythrocytes. The left basal ganglia also has intraparenchymal hemorrhage. No gliosis, inflammation or hypoxic ischemic changes are present.

*Unless otherwise indicated sections are stained only with hematoxylin and eosin (H&E).

Block	Tissue Location	Description	Stain
A1	Liver, Pancreas and Left kidney		
A2	Left ventricle, Upper lobe of left lung and Lower lobe of right lung		
A3	Left parietal lobe with subarachnoid hemorrhage		
A4	Left basal ganglia with contusion		

Report Tracking

Reported by: Mark Giffen, DO
 Verified by: Lauren E Dvorscak, MD on 2/1/2018 10:36:43 AM
 Reviewed and approved by: Lauren E Dvorscak, MD on 2/2/2018 4:21:42 PM

Case Number: 2017-06753

PMCT

ATCHISON, WILLIAM

Medical Investigator

Lauren E Dvorscak, MD

Date of examination: 12/8/2017 8:51:00 AM
Study date: 12/8/2017 7:19:00 AM
Accession number: 2017-06753OMICT
Exam type: Postmortem full body computed tomography
Technique: Standard
Comparison: None

Comments:

Evidence of perforating trauma includes a defect of the hard palate that extends through the skull base and sella turcica. Associated injuries include fractures of the hard palate and frontal bones, extending through the orbits, as well as fractures of the parietal bones.

A defect of the left, posterior parietal calvarium is associated with radiating fractures of the parietal and occipital bones.

Pneumocephalus is present. Scattered subarachnoid hemorrhages and intraventricular hemorrhage are present.

Dental restorations are detected.

A small, left renal cyst is present. No evidence of significant natural disease or additional significant injuries are detected by postmortem computed tomography scans.

Report Tracking

Reported by: Mark Giffen, DO
Verified by: Lauren E Dvorscak, MD on 2/1/2018 10:23:55 AM
Reviewed and approved by: Lauren E Dvorscak, MD on 2/2/2018 4:21:42 PM

Case Number: 2017-06753

Procedural Notes

ATCHISON, WILLIAM

Case Number: 2017-06753
Decedent Name: ATCHISON, WILLIAM
Pathologist: Lauren E Dvorscak, MD
Fellow/Resident: Mark Giffen, DO
Date of Examination: 12/8/2017 8:51:00 AM

Morphology technican(s) present

Yellow Sheet	Morphology Technician
Autopsy	Jordan Sousa
Evidence	Jordan Sousa
Radiology	Jordan Sousa
Identification	Jordan Sousa
LabOther	Jordan Sousa
Evidence	Jordan Sousa
Retention	Jordan Sousa
Attendees	Jordan Sousa

Morphology technican supervisor(s) present

Yellow Sheet	Morphology Technician Lead
Radiology	Sharon Howard
Retention	Sharon Howard
LabOther	Erika Cavalier
Attendees	Sharon Howard
Identification	Sharon Howard
Autopsy	Cassandra Toledo
Evidence	Sharon Howard

Case Number: 2017-06753

Procedural Notes

ATCHISON, WILLIAM

Autopsy attendees

Other morphology technicians present:

Sharon Howard- Senior Technician



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Procedural Notes

ATCHISON, WILLIAM

Specimens obtained for laboratory testing

HIV serology:	No
HIV spin and store:	Yes
HCV/HBV serology :	No
Influenza serology:	No
Other serology:	No
Freezer protocol:	No
DNA card:	Yes
Metabolic screen:	No
Cytogenetics:	No
Med-X protocol:	No
Urine dipstick:	No
Blood cultures (bacterial):	No
Lung cultures (bacterial):	No
CSF culture (bacterial):	No
Spleen culture (bacterial):	No
Stool culture (bacterial):	No
Other bacterial culture (specify):	
Mycobacterial culture (lung):	No
Mycobacterial culture (other):	No
Viral Cultures:	No

Approach to autopsy dissection

Rokitansky evisceration:	No
Virchow evisceration:	Yes
Modified evisceration:	No

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Procedural Notes

ATCHISON, WILLIAM

Special autopsy techniques

HIV serology: No
 Pericranial membrane removal: No
 Neck anterior dissection: No
 Neck posterior dissection: No
 Facial dissection: No
 Vertebral artery dissection (in situ): No
 Cervical spine removal: No
 Layered anterior trunk dissection: No
 Anterolateral rib arc dissection: No
 Back dissection: No
 Posterior rib arc dissection: No
 Extremity soft tissue dissection: No
 Eye enucleation: No
 Inner middle ear evaluation: No
 Maxilla or mandible resection: No
 Spinal cord removal (anterior): No
 Spinal cord removal (posterior): No
 Other dissection(s):

Tissues retention

Stock jar with standard tissue retention: Yes
 Rib segment: Yes
 Pituitary gland: Yes
 Breast tissue (women only): No
 Brain retention: No
 Spinal cord retention: No
 Cervical spine retention: No
 Heart retention: No
 Heart-lung block retention: No
 Rib cage retention: No
 Long bone retention: No
 Other retention,specify:

Disposition of tissues retained for extended examination

Specimen outcome: Not applicable; no tissues were retained for extended examination.

Case Number: 2017-06753

Procedural Notes

ATCHISON, WILLIAM

Number of scene photos produced by the OMI

Scene Photos: 117

Number of autopsy photos produced by the OMI

Autopsy Photos: 103

Evidence collected

FBI blood tube: No
Blood spot card: No
APD blood card: Yes
Thumbprint: Yes
Fingerprints: No
Palmprints: No
Print hold: No
Oral swab: No
Vaginal swab: No
Anal swab: No
Other swab: Yes
Fingernails: No
Scalp hair: No
Pubic hair: No
Pubic hair combing: No
Projectile(s): No
Retain clothing: Yes
Retain valuables: Yes
Retain trace evidence: Yes
Retain body bag: No
Retain hand bags: Yes
Ligature: No
Other evidence retained:

Personal effects

Case Number: 2017-06753

Procedural Notes

ATCHISON, WILLIAM

Property Type	Property Description	Property Detail
Hand Bag	Right Hand	n/a
Hand Bag	Left Hand	n/a
Valuables	Other	Sunglasses
Trace	Location	From Left Hand
Other	Other	Paper Ear Plugs
Other	Other	Cartridges
Swabs	Other	Left Hand- Wet
Swabs	Other	Left Hand- Dry
Swabs	Other	Right Hand- Wet
Swabs	Other	Right Hand- Dry
Blood	FTA Blood Card	n/a
Fingerprints	Describe	One set

Clothing

Property Type	Property Description	Property Detail
Clothing	Shirt	n/a
Clothing	Sweater	n/a
Clothing	Belt	n/a
Clothing	Pants	n/a
Clothing	Sweatpants	n/a
Clothing	Underpants	n/a
Clothing	Shoes	n/a
Clothing	Socks	n/a