

Central Office Investigator

Aeris Alexandros

Field Investigator

Barbara Nabors

Medical Investigator

Karen Cline-Parhamovich, D.O.

Arrival time: 2/16/2018 1:45:00 AM
 Decedent last name: WADSWORTH
 Decedent first name: ORLANDO
 Decedent middle:
 Decedent suffix:
 SSN:
 Birth date: [REDACTED]/1980 12:00:00 AM
 Age: 37
 Gender: Male
 Race: American Indian
 Hispanic flag: False
 Residence zip: 87461
 Residence address: [REDACTED]
 Residence city: [REDACTED]
 Residence county: San Juan
 Residence state: NM
 Reported by: San Juan County Dispatch
 Reported date: 2/16/2018 1:18:00 AM
 Reported by org: San Juan County Dispatch
 Identification by person name: Ruthda Thomas
 ID relation: Mother
 ID method: Visual
 ID type: Positive
 Pronounced date: 2/16/2018 12:48:00 AM
 Pronounced by: Dr. Daniel Erwin
 Place of death: [REDACTED]
 Hospital/hospice/nursing home: [REDACTED]
 Where at facility/scene: [REDACTED]
 Pronounced zip: [REDACTED]
 Pronounced addr: [REDACTED]
 Pronounced city: Farmington
 Pronounced county: San Juan
 Pronounced state: NM
 GPS latitude:
 GPS longitude:
 Mortuary: Desert View Funeral Home
 Mortuary reported by: Family
 NOK name: Ruthda Thomas

Relationship: Parent
NOK zip: [REDACTED]
NOK address: [REDACTED]
NOK city: [REDACTED]
NOK state: [REDACTED]
Phone1: [REDACTED]
Phone 2:
Regular physician:
Regular physician phone:
Law enforcement agency: F.B.I.
Agent in charge: Agent Kalon Sancher
Other investigating agency: Shiprock Police Department
Other agent: Wilson Charley
Field external: False
Exam location: San Juan Regional Morgue
Exam date: 2/16/2018 12:00:00 AM
Exam time: 2/16/2018 12:00:00 AM
JT: False
Death certificate signed by:
Cause of death:
Recent surgery: False
Surgery date:
Surgery description:
Surgery date 2:
Surgery 2 description:
Pregnant? False
Pregnant: 0
Pregnancy length:
Date of injury: 2/15/2018 12:00:00 AM
Date of injury unknown? False
Date of injury approx? True
Time of injury: 2/15/2018 12:00:00 AM
Time of injury unknown? True
Time of injury approx? False
Injury at work: No
Injury zip: 87420
Injury place: Highway 491
Injury city: Shiprock
Injury county: San Juan
Injury state: NM
Death circumstances:

I was contacted by San Juan County Dispatch [REDACTED] [REDACTED] She informed me that there was a two vehicle collision on Highway 491 in Shiprock, New Mexico. She also informed me there was one other adult male in the vehicle along with the decedent's two year old niece. [REDACTED]

I was able to speak with Criminal Investigator Wilson Charley who informed me that according to the responding police officer there was a witness and she informed him that the decedent's vehicle passed her going southbound on U.S. Highway 491 at a high rate of speed. The vehicle went over a hill where she lost sight of them, when she crested the top of the hill she saw debris and the red Kia Spectra and a Black GMC pickup. The driver of the decedent's vehicle was out of the vehicle and walking around. The decedent was trapped in the vehicle under the floorboard. There was also a two year old buckled in the back seat.

Describe scene:

[REDACTED] He was laying on his back and was covered with a sheet. [REDACTED]

Describe decedent:

The decedent appeared to be a 37 year old Native American Male and appeared to be height and weight porportionate. The decedent was laying on his back [REDACTED] The decedent's [REDACTED]

[REDACTED] There appeared to be abrasions located on the right chest below the right breast, midline chest and left of center. There appeared to bruising located on the right side abdomen and chest area and on the left chest. There appeared to be bruising on the pper right arm, forearm and hand. The right arm appeared to be deformed midline in the forarm and consistent with a complete break. The right top hand also appeared to be swollen and bruised. There appeared to be a tattoo located on the left hand. There appeared to be a well healed scar located on the lower left rib area. There appeared to be heavy bruising located on the left leg. There appeared to be multiple puncture marks locatd on the right inside hip area in close proximity to the groin. The left leg appeared to be deformed and consistent with complete breaks. There appeared to be massive trauma to the back of the head whereas there were flaps of skin and hair.

Past medical history:

Comments:

The decedent was sealed with OMI 17675 and taken to the San Juan Regional Morgue.

02/16/2018 at 08:52 I was contacted by Josh who is with doner services and informed the family had given authorization and they would be taking the decedent to Albuquerque, New Mexico to complete the procedure. Josh asked that vitreous and blood not be drawn and they would complete this in Albuquerque.

The decedent was re-sealed with OMI 17861 after the external was completed.

San Juan Regional was informed that the decedent was released to doner services.

02/17/2018 I spoke with Doner Services and they informed me that they were unable to complete their process as the decedent was picked up by the funeral home prior to their arrival and had already been embalmed.

At 11:30 I was contacted by Criminal Investigator Wilson Charley. He informed me that the FBI wanted an autopsy preformed on the decedent. I informed him that the funeral home was in possession of the decedent and that he had already been embalmed.

11:33 Contacted Desert View Funeral Home and spoke with Ruby, I informed her that the decedent is back on OMI hold and I would contact her with more information.

13:11 I spoke with FBI Agent Montey Waldron who informed me that Agent Kalon Sancher will be the lead on this case. Agent Waldron informed me that he would talk with his supervisor to verify they still wanted the autopsy. 13:24 Monty called back with verification that they still wanted the autopsy.

13:31 Spoke with Ruby at Desert View Funeral Home and informed Ruby that the decedent will be transported to Albuquerque on 02/17/2018

Clothing and valuables:

One sock, underwear and remnants of pants or shorts.

Medications located at:

Medications turned over to:

Medications turned over date:

Medications turned over by:

Medications counting witness by:

Medications log:

CODMI consulted: Aeris Alexandros

CODMI instructions:

External / Per FBI they would like an autopsy

One way mileage:



DEATH INVESTIGATION SUMMARY

Case Number: 2018-01034

WADSWORTH, ORLANDO

County Pronounced: San Juan

Law Enforcement: F.B.I.

Agent: Agent Kalon Sancher

Date of Birth: [REDACTED]/1980

Pronounced Date/Time: 2/16/2018 12:48:00 AM

Central Office Investigator: Aeris Alexandros

Deputy Field Investigator: Nabors, Barbara

CAUSE OF DEATH

Blunt trauma

MANNER OF DEATH

Accident

Christopher Liverman, MD, PhD

Forensic Pathology Fellow

Karen Cline-Parhamovich, D.O.

Assistant Chief Medical Investigator, Associate
Professor of Pathology

All signatures authenticated electronically

Date: 5/15/2018 2:25:37 PM

DECLARATION

The death of WADSWORTH, ORLANDO was investigated by the Office of the Medical Investigator as a consultation and not under the statutory authority of the Office of the Medical Investigator.

I, Karen Cline-Parhamovich, D.O., 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.

Medical Investigator

Karen Cline-Parhamovich, D.O.

Medical Investigator Trainee

Christopher Liverman, MD, PhD

SUMMARY AND OPINION**PATHOLOGIC DIAGNOSES**

- I. Blunt head trauma
 - A. Lacerations
 - 1. Right scalp and orbit
 - 2. Midline parietal scalp
 - B. Subscalpular and subgaleal hemorrhage
 - C. Fractures, right orbit, maxilla and zygomatic arch
 - D. Abrasions and dicing injuries, face
- II. Blunt chest trauma
 - A. Fractures, sternum and bilateral anterior ribs
 - B. Laceration, lower lobe of right lung
 - C. Contusions and abrasions
- III. Blunt abdominal trauma
 - A. Lacerations, liver, multiple
 - B. Laceration, spleen
 - C. Hemorrhage, mesenteric root
- IV. Blunt extremity trauma
 - A. Radius-ulna fractures, right
 - B. Tibia fractures, right
 - C. Tibia-fibula fractures, left
 - D. Abrasion, right shoulder
 - E. Contusions, upper and lower extremities
- V. Medical intervention
 - A. Thoracostomies, bilateral
- VI. Status post embalming
 - A. Trochar marks, lungs, heart, liver, stomach, mesentery
 - B. Trochar button, abdomen
 - C. Sutured vascular access, base of right neck

SUMMARY AND OPINION

This 37-year old man, Orlando Wadsworth, died of blunt trauma.

According to reports, Mr. Wadsworth was a passenger in a vehicle that was witnessed to be driving on the highway at a high rate of speed before colliding with another vehicle. [REDACTED]

[REDACTED] Mr. Wadsworth was embalmed before law enforcement became involved in the case and requested an autopsy.

Autopsy revealed a previously embalmed man with extensive blunt injuries. A large tear in the right scalp, which exposed the skull, was associated with right-sided facial fractures and bleeding under the scalp. Dicing injuries from shattered glass were on the face. The chest and abdomen showed multiple bruises and scrapes. Internally, the sternum and ribs were fractured, and tears were present in the right lung, spleen and liver. The arms and legs showed multiple contusions, and fractures were present in the right forearm and the right and left lower legs. Holes were present in multiple organs due to the embalming process.

Although evaluation of blood loss was precluded by prior embalming, the lacerations of the right lung, liver and spleen would have caused massive internal bleeding resulting in death.

The manner of death is accident.

Medical Investigator

Karen Cline-Parhamovich, D.O.

Medical Investigator Trainee

Christopher Liverman, MD, PhD

External exam date time: 2/16/2018 11:24:00 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: Left wrist
Name on orange bracelet: Decedent name
Other name on orange bracelet:
Location of green bracelet: Left 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): 177.00
Body weight (kgs): 75.00
BMI: 23.94

Development: Well-developed
Development comments:
Stature: Well-nourished
Age: Appears to be stated age
Anasarca: No
Edema localized: No
Dehydration: No
Scalp hair color: Black
Scalp hair length: Short
Eyes: Both eyes present
Irides: Brown
Eyes corneae: Clouded
Eyes sclerae: Congested
Eyes conjunctivae: Translucent
Eyes petechiae: No
Palpebral petechiae: No
Bulbar petechiae: No
Facial petechiae: No
Oral mucosal petechiae: No
Nose: Normally formed

Ears:	Normally formed
Lips:	Normally formed
Facial hair:	Stubble in the pattern of a beard and moustache
Facial hair color:	Brown
Maxillary dentition:	Natural
Mandibular dentition:	Natural
Condition of dentition:	Adequate
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
Muscle group atrophy:	No
Senile purpura:	No
Pitting edema:	No
Muscle other:	No

Tattoo(s)

Tattoos present: No

Cosmetic Piercing(s)

Cosmetic piercing present: No

Scar(s)

Scar(s) present: Yes

Scar Left forearm: Yes

Scar comment:

A 4 cm scar is on the posterior left forearm.

Reporting Tracking

Reported by: Christopher Liverman, MD, PhD
Verified by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:24:59 PM
Reviewed and approved by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:38 PM

Medical Investigator

Karen Cline-Parhamovich, D.O.

Medical Investigator Trainee

Christopher Liverman, MD, PhD

Evidence of medical intervention: Yes

Indwelling Tubes

If nasogastric tube present, specify course and position: No

If endotracheal tube present, specify course and position: No

Tracheostomy site/tube: No

Mediastinal tube(s): No

Chest tube(s): No

If Foley catheter present, specify course and position: No

Medical intervention other:

A 6 cm thoracostomy incision is in the right lateral chest. A 5 cm thorscostomy incision is in the left lateral chest.

Electrocardiogram (ECG) Monitoring Pads

ECG Monitoring Pads Present?: No

Defibrillator Pads

Defibrillator pads present?: No

Vascular Catheter(s):

Vascular catheter(s): No

Recent Surgical Intervention

Evidence of recent surgical intervention: No

Report Tracking

Reported by: Christopher Liverman, MD, PhD

Verified by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:12 PM

Reviewed and approved by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:38 PM

Medical Investigator

Karen Cline-Parhamovich, D.O.

Medical Investigator Trainee

Christopher Liverman, MD, PhD

External exam date: 2/16/2018 11:24:00 AM
Body temperature: Cool subsequent to refrigeration
Rigor mortis: Cannot be assessed
Livor mortis - color: Purple
Livor mortis - fixation (if applicable): Fully Fixed
Livor mortis - position (if applicable): Posterior
State of preservation: No decomposition
Evidence of embalming: Yes
Eye caps present: Yes
Jaws wired or sewn closed: Yes
Abdominal trocar button: Yes
Visceral trocar marks: Yes

Other evidence of funerary preparation(s):

Trochar marks are present in the bilateral lungs, the heart, the liver, the stomach and the mesentery. Sutured vascular access is at the base of the right neck. A trochar button is in the abdomen.

Report Tracking

Reported by: Christopher Liverman, MD, PhD
Verified by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:13 PM
Reviewed and approved by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:38 PM

Medical Investigator

Karen Cline-Parhamovich, D.O.

Medical Investigator Trainee

Christopher Liverman, MD, PhD

Are there any injuries: Yes

Evidence of Injury:

Autopsy date: 2/18/2018 8:58:00 AM

#	Injury	Location	Injury Description
1	Blunt injury	Head	A 15 cm full-thickness laceration involves the right frontal, temporal and parietal scalp and the skin of the lateral right orbit. A 5 x 4 cm patch of the right frontal scalp is absent and exposes the underlying calvarium. Subgaleal and subarachnoid hemorrhage is present around the wound margin. The anterior temporalis muscle is disrupted, and palpable fractures are in the right orbit, zygomatic arch and maxilla. A 7 x 6 cm area of red abrasion and dicing injury is on the lateral right orbit and right cheek.
2	Blunt injury	Head	A 12 cm x 0.6 cm deep angulated laceration is on the midline parietal scalp, associated with underlying subgaleal and subarachnoid hemorrhage. A 6 x 4 cm vertical red abrasion is on the left anterior forehead. Red-brown dicing injury is on the nose, left cheek and left upper lip. A 6 x 4 cm red-brown oblique abrasion is on the right cheek, associated with dicing injury on the right mandible. A 1 cm red abrasion is on the submentum.

3	Blunt injury	Trunk	<p>EXTERNAL INJURIES</p> <p>A 5 x 5 cm purple contusion is on the left upper chest.</p> <p>A 6 x 1.5 cm red-black vertical scaphoid abrasion is on the right lower chest, associated with a 5 x 1.5 cm purple contusion.</p> <p>Three irregular red-black abrasions, 2.5 to 4 cm, are on the central chest, associated with a 14 x 11 cm area of purple contusions, up to 6 cm, on the central lower chest and upper abdomen.</p> <p>A 12 x 6 cm discontinuous blue contusion is on the left lower abdomen.</p> <p>INTERNAL INJURIES</p> <p>Displaced fractures are in the anterior left 2nd through 5th ribs and the anterior right 4th and 5th ribs. A fracture is in the mid-sternum.</p> <p>A 4 x 1 cm deep laceration is in the lower lobe of the right lung, associated with hemorrhage of the right hilum.</p> <p>Multiple lacerations, up to 6 cm in length and 2 cm deep, involve the liver capsule and parenchyma, most prominent in the left lobe. Diffuse subcapsular hemorrhage is present in the liver.</p> <p>A 7 x 1 cm deep laceration is in the spleen.</p> <p>Hemorrhage is present within the mesenteric root.</p>
4	Blunt injury	Extremities	<p>UPPER EXTREMITIES</p> <p>RIGHT</p> <p>A 2.5 x 2 cm red-black abrasion is on the anterior right shoulder, associated with a 4 x 2.5 cm blue contusion.</p> <p>A 10 x 7 cm blue contusion is on the right axilla.</p> <p>A 3 x 3 cm purple contusion is on the anterior right arm.</p> <p>Displaced fractures are palpable in the right radius and ulna, associated with a 9 x 9 cm purple contusion on the posterior right forearm.</p> <p>LEFT</p> <p>An 11 x 6 cm blue contusion is on the anterior left wrist.</p> <p>A 10 x 7 cm blue contusion is on the left elbow.</p> <p>A 16 x 8 cm blue contusion is on the posterior left hand and wrist.</p>

5	Blunt injury	Extremities	<p>LOWER EXTREMITIES</p> <p>RIGHT</p> <p>A 14 x 5 cm blue contusion is on the anterior right thigh.</p> <p>A 15 x 9 cm blue contusion is on the medial right thigh.</p> <p>A 6 x 3 cm pink contusion is on the medial right knee.</p> <p>Fractures are palpable in the right tibia, associated with a 15 x 8 cm blue-purple contusion on the right shin.</p> <p>A 17 x 3 cm discontinuous vertical pink contusion is on the anterior right ankle.</p> <p>A 14 x 11 cm red-purple contusion is on the posterior right thigh.</p> <p>A 9 x 5 purple contusion is on the posterior right calf.</p> <p>LEFT</p> <p>A 15 x 5 cm blue contusion is on the anterior left thigh.</p> <p>Displaced fractures are palpable in the left tibia and fibula, associated with a 15 x 3 cm blue contusion.</p> <p>A 5 x 3 cm pink contusion is on the anterior left ankle.</p> <p>An 8 x 3 cm discontinuous purple contusion is on the posterior left calf.</p>
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Report Tracking

Reported by: Christopher Liverman, MD, PhD
Verified by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:02 PM
Reviewed and approved by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:38 PM

Medical Investigator

Karen Cline-Parhamovich, D.O.

Medical Investigator Trainee

Christopher Liverman, MD, PhD

Date of Autopsy: 2/18/2018 8:58:00 AM

Date of Internal Exam: 2/18/2018 8:59:00 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: Yes
 Fluid accumulation right chest cavity: Yes
 Fluid accumulation left chest cavity: Yes
 Fluid accumulation pericardial sac: No
 Fluid accumulation abdominal cavity: No
 Fluid accumulation pelvis: No

Fluid accumulation comments:

200 mL of bloody fluid is in the right chest; 200 mL of bloody fluid is in the left chest.

Body cavity other comments:

Assessment of fluid accumulations at the time of death is precluded by prior embalming.

HEAD

Brain examined: Yes
 See separate forensic neuropathology consultation report: No
 See evidence of injury section: No
 See evidence of medical Intervention section: No
 See postmortem changes section: No
 Brain fresh (g): 1330
 Brain fixed (g):
 Facial skeleton: See Evidence of Injury
 Calvarium: No fractures
 Skull base: No fractures
 Skull comments:
 Dura mater: Unremarkable and without masses
 Dural venous sinuses: Patent
 Leptomeninges: Thin and transparent

Epidural hemorrhages / hematomas:	Absent
Subdural hemorrhages / hematomas:	Absent
Subarachnoid hemorrhages:	Absent
Cerebral hemispheres:	Symmetrical
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
Cranial nerves:	Unremarkable
Basilar arterial vasculature:	Unremarkable
Cerebral cortex:	Unremarkable
White matter:	Unremarkable
Corpus callosum:	Unremarkable
Deep gray matter structures:	Unremarkable
Brainstem:	Unremarkable
Cerebellum:	Unremarkable

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): 350.0
 Heart fixed (g):

Coronary artery stenosis by atherosclerosis (in percent):

Proximal third right coronary artery: 0
 Middle third right coronary artery: 10
 Distal third right coronary artery: 0
 Proximal third left anterior descending coronary artery: 10
 Middle third left anterior descending coronary artery: 40
 Distal third left anterior descending coronary artery: 10
 Proximal third left circumflex coronary artery: 0
 Middle third left circumflex coronary artery: 10
 Distal third left circumflex coronary artery: 0

Cardiac Chambers and Valves:

Cardiac chambers: Unremarkable
 Tricuspid valve: Unremarkable
 Pulmonic valve: Unremarkable
 Mitral valve: Unremarkable
 Aortic valve: Unremarkable

Other valve comments:

Tricuspid: 9.0 cm
 Pulmonic: 5.5 cm
 Mitral: 7.0 cm
 Aortic: 5.5 cm

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: 1.3 cm
 Interventricular septum thickness: 1.3 cm

Aorta

Aorta examined: Yes

Orifices of the major vascular branches:	Patent
Coarctation:	No
Vascular dissection:	No
Aneurysm formation:	No
Complex atherosclerosis:	No
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:	Yes
See Evidence of Medical Intervention section:	No
See Postmortem Changes section:	No
Lung right (g):	370
Lung left (g):	370
Upper and lower airways:	Unobstructed, and the mucosal surfaces are smooth and yellow-tan
Pulmonary parenchyma color:	Dark red-purple
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

HEPATOBIILIARY SYSTEM

Liver examined:	Yes
See Evidence of Injury section:	Yes
See Evidence of Medical Intervention section:	No
See Postmortem Changes section:	No
Liver (g):	1255
Bile vol (mL):	0
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

See Evidence of Injury section: Yes

See Evidence of Medical Intervention section: No

See Postmortem Changes section: No

Stomach contents vol (mL): 100

Stomach contents description:
partially digested food

Appendix found: Yes

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

Other small intestine comments:
See evidence of injury

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

Kidney right (g): 125

Kidney left (g): 135

Urine volume (mL): 0

Urine description:

Urinary Bladder

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: Yes

See Evidence of Medical Intervention section: No

See Postmortem Changes section: No

Spleen

Spleen (g): 50

Spleen parenchyma: Moderately firm

Spleen capsule: Other - See comments

Spleen white pulp: Prominent

Spleen comments:

See evidence of injury

Bone Marrow

Color: Red-brown, homogeneous and ample

Lymph Nodes

Regional adenopathy: No adenopathy

Thymus

Thymus (g):

Parenchyma: Absent (involution by adipose tissue)

ENDOCRINE SYSTEM

Endocrine system examined: Yes

See Evidence of Injury section: No

See Evidence of Medical Intervention section: No

See Postmortem Changes section: No

Pituitary Gland

Size: Normal

Thyroid Gland

Position: Normal
Size: Normal
Parenchyma: Homogeneous

Adrenal Glands

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

MUSCULOSKELETAL SYSTEM

Musculoskeletal system examined: Yes
See Evidence of Injury section: No
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

ADDITIONAL COMMENTS

Report Tracking

Reported by: Christopher Liverman, MD, PhD
Verified by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:03 PM
Reviewed and approved by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:38 PM

Medical Investigator

Karen Cline-Parhamovich, D.O.

Medical Investigator Trainee

Christopher Liverman, MD, PhD

Microscopic description:

HEART: No significant histopathologic abnormalities

LUNG: No significant histopathologic abnormalities

LIVER: Macrovesicular steatosis

KIDNEY: No significant histopathologic abnormalities

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

Block	Tissue Location	Description	Stain
A1	Heart		
A2	Lung: bilateral upper and lower		
A3	Liver, right kidney		

Report Tracking

Reported by: Christopher Liverman, MD, PhD
Verified by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:04 PM
Reviewed and approved by: Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:38 PM

Medical Investigator

Karen Cline-Parhamovich, D.O.

Date of examination: 2/18/2018 8:58:00 AM
Study date: 2/18/2018 8:59:00 AM
Accession number: 2018-01034
Exam type: Postmortem full body computed tomography
Technique: Standard
Comparison: None

Comments:

Selected postmortem computed tomography imaging was reviewed by the forensic pathologist and the forensic pathology fellow.

Findings:

1. Fractures, right orbit, zygoma, and maxilla
2. Displaced anterior rib fractures, bilateral
3. Sternum fracture
4. Displaced fractures, right radius-ulna
5. Displaced fractures, left tibia-fibula
6. Multiple displaced fractures, right tibia

Report Tracking	
Reported by:	Christopher Liverman, MD, PhD
Verified by:	Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:14 PM
Reviewed and approved by:	Karen Cline-Parhamovich, D.O. on 5/15/2018 2:25:38 PM

Case Number: 2018-01034
 Decedent Name: WADSWORTH, ORLANDO
 Pathologist: Karen Cline-Parhamovich, D.O.
 Fellow/Resident: Christopher Liverman, MD, PhD
 Date of Examination: 2/18/2018 8:58:00 AM

Morphology technican(s) present

Yellow Sheet	Morphology Technician
Identification	Shalynn Hollins
Autopsy	Shalynn Hollins
Evidence	Shalynn Hollins
Evidence	Shalynn Hollins
Radiology	Shalynn Hollins
Retention	Shalynn Hollins
LabOther	Shalynn Hollins
Attendees	Shalynn Hollins

Morphology technican supervisor(s) present

Yellow Sheet	Morphology Technician Lead
Radiology	Sharon Howard
Identification	Sharon Howard
Autopsy	Cassandra Toledo
Evidence	Sharon Howard
Retention	Sharon Howard
LabOther	Melissa Christian
Attendees	Karen Cline-Parhamovich, D.O.

Autopsy attendees

Other morphology technicians present:

MIGUEL LOPEZ - STUDENT
SHARON HOWARD - SENIOR

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

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.

Number of scene photos produced by the OMI

Scene Photos: 117

Number of autopsy photos produced by the OMI

Autopsy Photos: 25

Evidence collected

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

Personal effects

Property Type	Property Description	Property Detail
None	Other	No Clothing Items to Inventory
None	Other	No Personal Effects Items to Inventory

Clothing

Property Type	Property Description	Property Detail
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