

**OFFICE OF THE MEDICAL EXAMINER
DISTRICT NINE
2350 E. Michigan Street
Orlando, Florida 32806-4939**

REPORT OF AUTOPSY

DECEDENT: JUAN RIVERA VELAZQUEZ **CASE NUMBER:** ME 2016-000938

MANNER OF DEATH: Homicide

IDENTIFIED BY: Photo ID

AGE: 37 years

SEX: Male

RACE: Hispanic

DATE OF DEATH: June 12, 2016

DATE/TIME OF AUTOPSY: June 14, 2016 @ 9:30 a.m.

 6/15/16

PERFORMED BY:

Gary Lee Utz, MD, Deputy Chief Medical Examiner

CAUSE OF DEATH:

Multiple gunshot wounds

AUTOPSY FINDINGS

- I. Gunshot wound of head and neck, entering posterior right shoulder, with exit, re-entry and re-exit:
 - A. C2 fracture
 - B. Subarachnoid hemorrhage
 - C. Exit wound superior right shoulder
 - D. Re-entry wound right posterior neck
 - E. Exit wound occipital scalp
 - F. Basilar skull fracture

- II. Gunshot wound of lower extremity, indeterminate range, entering anterior left thigh, without exit:
 - A. Tangential entrance wound
 - B. Multiple projectile fragments retrieved from thigh

- III. Gunshot wound of upper extremity, indeterminate range, entering

posterior right axilla with exit:

- A. Humerus fracture
- B. Projectile fragments retrieved from humeral head

IV. Graze gunshot wound of right hand:

- A. Indeterminate range
- B. Downward direction

TOXICOLOGY ANALYSIS: See laboratory report.

CONCLUSION: In consideration of the circumstances surrounding the death, and after examination of the body and review of the available investigative reports, it is my opinion that the death of Juan Rivera Velazquez, a 37-year-old Hispanic man found deceased at the scene of a mass shooting, is due to multiple gunshot wounds. The deceased sustained a gunshot wound that entered the superior right shoulder, exited the top of the shoulder and re-entered the posterior neck, producing a fracture of the 2nd cervical vertebra and subsequent spinal cord injury. The deceased also sustained another gunshot wound of the right shoulder and one of the thighs.

The manner of death is homicide.

**POSTMORTEM EXAMINATION
OF THE BODY OF JUAN RIVERA VELAZQUEZ**

A postmortem examination of the body of a 37-year-old male identified as Juan Rivera Velazquez is performed pursuant to Florida statute 406.11 by Gary Lee Utz, MD, Deputy Chief Medical Examiner, District Nine at the Orange County Medical Examiner facility, Orlando, Florida on June 14, 2016 @ 9:30 a.m.

IDENTIFICATION: The body of Juan Rivera Velazquez is identified by FDLE Agent Walsh by comparison to the photograph in Florida Driver's License #R161-435-79-049-0. The identification is made on June 12, 2016 @ 9:22 p.m. at the Orange County Medical Examiner facility.

CLOTHING AND VALUABLES: The body is received clad in a T-shirt, blue jeans, briefs, a right shoe and socks. A thick black rubber band is around the base of the penis and scrotum. A key is identified in the back right pocket and a small vial of cologne is present in the front pocket. Personal effects accompany the body and are personally verified in the Body and Personal Effects record.

Examination of the clothing reveals multiple small defects in the back of the shirt consistent with the locations of the gunshot wounds later described. Examination of the blue jeans reveals defects over the left thigh area consistent with the gunshot wound later described. There is no evidence of close-range firing.

EXTERNAL EXAMINATION

The body is that of a well-developed, well-nourished Hispanic man that weighs 162 pounds, measures 66 inches in length, and appears compatible with the stated age of 37 years. The body is cool to touch. Rigor mortis is passing in the extremities and jaw. Minimal blanching purple livor extends over the posterior/anterior surface of the body, except in the areas exposed to pressure.

The scalp hair is light/dark brown and measures up to 2 inches in length over the crown. The facial hair is a closely trimmed beard and mustache. The irides are brown; the corneas are clear. The sclerae and conjunctivae are pale. The nose and ears are not unusual and display no evidence of trauma. The oral cavity is free of blood and the mucosae are without evidence of trauma. The teeth are natural and in good repair. The neck is without masses, and the larynx is in the midline. The thorax is well-developed and symmetrical.

The abdomen is flat. The external genitalia are those of a normal adult male.

The anus and back are unremarkable. The upper and lower extremities are well-developed and symmetrical, without absence of digits.

IDENTIFYING MARKS AND SCARS: Multiple elaborate monochrome tattoos are present over the upper extremities and the upper chest. Tattoos are also present in the midline back. Tattoos are documented photographically.

EVIDENCE OF MEDICAL INTERVENTION: None.

EVIDENCE OF INJURY

Head and Neck:

A gunshot wound of entrance is identified in the posterior right shoulder centered 6 inches to the right of the midline and 8 inches below the top of the head. The wound is round, $\frac{1}{4}$ inch in diameter with circumferential marginal abrasion. No soot or stippling is seen. The projectile travels right to left, slightly toward the front and upward. The projectile traverses the soft tissue of the posterior shoulder and exits superiorly over the shoulder, approximately 6 inches to the right of the midline and $7\frac{1}{2}$ inches below the top of the head. The wound is irregular, $\frac{3}{8} \times \frac{1}{2}$ inch, with circumferential marginal abrasion most prominent at the medial margin. The projectile then strikes the right side of the posterior neck producing a roughly triangularly-shaped irregular entrance wound centered $2\frac{1}{2}$ inches to the right of the midline and $6\frac{1}{2}$ inches below the top of the head. The wound measures $2\frac{1}{4} \times \frac{3}{4}$ inch. Slight abrasion is present at the anterior inferior margin. The projectile then traverses the soft tissue of the posterior neck striking the posterior arch of the 2nd cervical vertebra, producing a comminuted fracture. The projectile then exits the left occipital scalp, producing an irregular $1\frac{1}{2} \times 1\frac{1}{2}$ inch stellate defect centered 1 inch to the left of the midline and $5\frac{1}{2}$ inches below the top of the head. No soot or stippling is present. There is minimal marginal abrasion. No projectile is recovered. No projectile fragments are apparent in postmortem radiographs of the head. Associated with this gunshot wound is thick subarachnoid hemorrhage over the basilar brain including the rostral brainstem and abundant bloody fluid present within the posterior fossa. There is also a hairline fracture of the right posterior fossa near the foramen.

Torso:

See above.

Upper and Lower Extremities:

A gunshot wound of entrance is identified in the posterior right axilla centered 8 inches to the right of the midline and 13½ inches below the top of the head. The wound is irregular, ¾ x ½ inch with prominent abrasion measuring up to 2 inches in length present at the superior margin. There is also associated purple contusion. The projectile travels back to front and upward with little rightward or leftward deviation with respect to the sagittal plane. The projectile traverses the soft tissue, strikes the humeral head and produces a comminuted fracture of the proximal humerus. Projectile fragments are retrieved from the humeral head and retained, labeled "Right Shoulder". There are no apparent vital structures injured. No soot or stippling is associated with this wound.

A gunshot wound of entrance in the anterior left thigh centered 22 inches above the level of the left heel. The wound is roughly triangularly-shaped, slightly diagonally oriented and measures 6 inches in length and 3 inches in width. Sparse pseudo-stippling is at the inferior margin. There is relatively superficial penetration of the projectile with tearing of the superficial musculature. Multiple fragments of cloth are present embedded in the wound. A small lead fragment and fragment of projectile jacketing are retrieved from the soft tissue. Postmortem radiograph of the thigh reveals "lead snowstorm". No other fragments are recovered.

A graze type gunshot wound is identified over the lateral aspect of the right hand at the base of the thumb. The wound measures 1 x ¼ inch. There is no penetration of the skin and no fracture associated with this wound.

Other Injuries:

On the left side of the face are multiple small abrasions/abrasion marks measuring up to 1 inch and 2 inches in length. There is no underlying skull injury. On the posterior lateral aspect of the right upper arm is a ¾ x ½ inch abrasion.

INTERNAL EXAMINATION

BODY CAVITIES: Except as noted otherwise, no adhesions or abnormal collections of fluid are within any of the body cavities. All body organs are present in normal anatomical position.

CARDIOVASCULAR SYSTEM: The heart weighs 320 grams. The pericardial surfaces are smooth, glistening and intact; the pericardial sac contains a physiologic amount of fluid. The coronary arteries arise normally and follow the usual distribution. They are widely patent, without atherosclerosis or thrombosis. The chambers and valves otherwise exhibit the usual size-position relationships and are unremarkable; the atrial and ventricular septa are intact. The myocardium is red-brown and firm, without focal abnormalities. The aorta and its major branches arise normally, follow the usual courses, and are widely patent, without atherosclerosis. The vena cava and its tributaries return to the heart in the usual distribution and are free of thrombi.

RESPIRATORY SYSTEM: The right and left lungs weigh 400 grams each. The upper airway is clear of debris and foreign material; the mucosa is yellow-tan and smooth. The pleural surfaces are smooth, glistening and intact. The pulmonary parenchyma exudes slight to moderate amounts of blood and frothy fluid and is without focal lesions. The pulmonary vasculature is unremarkable.

HEPATOBIILIARY SYSTEM: The liver weighs 1800 grams. The hepatic capsule is smooth, glistening and intact, covering a red-brown parenchyma without focal lesions noted. The gallbladder contains approximately 5 milliliters of dark green, slightly mucoid bile; the mucosa is velvety and unremarkable. The extrahepatic biliary tree is patent, without evidence of calculi.

ENDOCRINE SYSTEM: The pituitary, thyroid and adrenal glands are unremarkable. The pancreas has the usual yellow-tan, lobulated appearance and the ducts are clear.

DIGESTIVE SYSTEM: The esophagus is lined by a gray-white, smooth mucosa. The gastric mucosa is arranged in the usual rugal folds and the lumen contains 250 milliliters of thick tan liquid and digesting food particles. The small and large intestines are unremarkable. The appendix is present.

GENITOURINARY SYSTEM: The right and left kidneys weigh 140 grams and 130 grams, respectively. The renal capsules are smooth, thin and semitransparent, and strip with ease from the underlying smooth, red-brown, firm, cortical surfaces. The cortices are sharply delineated from the medullary pyramids, which are red-purple to tan and unremarkable. The calyces, pelves and ureters are unremarkable. The urinary bladder contains approximately 200 milliliters of clear yellow urine; the mucosa is gray-tan and smooth.

The prostate gland and seminal vesicles are unremarkable.

RETICULOENDOTHELIAL SYSTEM: The spleen weighs 100 grams and has a smooth intact capsule covering a deep red-purple, moderately firm parenchyma; the lymphoid follicles are unremarkable. The regional lymph nodes appear normal. The exposed bone marrow is red-purple and homogeneous, without focal abnormalities.

MUSCULOSKELETAL SYSTEM: Except as noted otherwise, the bony framework, supporting musculature, and soft tissues are not unusual.

NECK: Examination of the soft tissues of the neck, including strap muscles, thyroid gland, and large vessels, reveals no abnormalities. The hyoid bone and larynx are intact.

HEAD AND CENTRAL NERVOUS SYSTEM: The brain weighs 1310 grams. The dura mater and falx cerebri are intact. The leptomeninges are thin and delicate with thick subarachnoid hemorrhage over the inferior cerebrum and cerebellum most prominent in the area of the circle of Willis. The structures at the base of the brain, including the cranial nerves and blood vessels, are intact and free of additional abnormalities. Coronal sections through the cerebral hemispheres reveal no lesions within the cortex, subcortical white matter, or deep parenchyma of either hemisphere. The ventricles are normal in caliber. Sections through the brainstem and cerebellum reveal no abnormalities.

GLU/jw

Patient: RIVERA VELAZQUEZ, JUAN
Age: 37 Sex: M
Client Patient ID: 9-16-938
Account#: VX83012
Physician: UTZ, GARY
Client: DISTRICT 9 MEDICAL EXAMINER MISC
TOXICOLOGY

Specimen Collected :06/14/2016

Lab Order No: 661501209

Reg Date: 06/15/16

Test Name	Result	Units	Cutoff/Reporting Limits
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VOLATILE PANEL - VOLP
SPECIMEN TYPE
PERIPHERAL BLOOD

ETHANOL	0.060	g/dL	0.010
ACETONE	NONE DETECTED	mg/dL	7.5
METHANOL	NONE DETECTED	mg/dL	15.0
ISOPROPANOL	NONE DETECTED	mg/dL	15.0

Analysis by Gas Chromatography (GC) Headspace Injection
BLOOD DRUG SCREEN - BDSME
SPECIMEN TYPE
HEART BLOOD
GC/MS
CAFFEINE
LC/MS/MS
LC/MS/MS TESTING PERFORMED ON PERIPHERAL BLOOD
CAFFEINE, CAFFEINE METABOLITE
BLOOD IMMUNOASSAY SCREEN
SPECIMEN TYPE
PERIPHERAL BLOOD

AMPHETAMINES	NEGATIVE	mg/L	0.100
BARBITURATES	NEGATIVE	mg/L	0.100
BENZODIAZEPINES	NEGATIVE	mg/L	0.050
BUPRENORPHINE	NEGATIVE	mg/L	0.001
CANNABINOCIDS	NEGATIVE	mg/L	0.050
COCAINE METABOLITE	NEGATIVE	mg/L	0.100
FENTANYL	NEGATIVE	mg/L	0.001
OPIATES	NEGATIVE	mg/L	0.050
SALICYLATES	NEGATIVE	mg/L	50.0



Wuesthoff Reference Laboratory

6800 Spyglass Court
Melbourne, Florida 32940
Julie Bell, M.D., Laboratory Director

Patient: RIVERA VELAZQUEZ, JUAN

Client Patient ID: 9-16-938

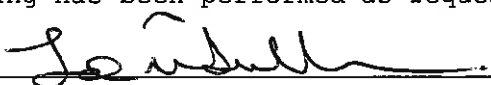
Physician: UTZ, GARY

Age: 37 Sex: M

Account#: VX83012

Client: DISTRICT 9 MEDICAL EXAMINER MISC

Specimens were intact upon receipt. Chain of custody, specimen security and integrity has been maintained. Testing has been performed as requested

Reviewed by:  Date: 7/20/16

FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

TOXICOLOGY REPORT

RIVERA VELAZQUEZ, JUAN

ME16-00938

Rivera Velazquez, Juan

37 Years - M 6/12/2016

INJURY CLASSIFICATION

Gang banger

