

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

REPORT OF AUTOPSY

DECEDENT: JUAN CHAVEZ-MARTINEZ **CASE NUMBER:** ME 2016-000949

MANNER OF DEATH: Homicide

IDENTIFIED BY: Photo ID

AGE: 25 years

SEX: Male

RACE: White Hispanic

DATE OF DEATH: June 12, 2016

DATE/TIME OF AUTOPSY: June 13, 2016 @ 2:30 p.m.

Marie H. Hansen MD

PERFORMED BY:

Marie H. Hansen, MD, Associate Medical Examiner

August 5, 2016

CAUSE OF DEATH:

Gunshot wound of torso

AUTOPSY FINDINGS

- I. Gunshot wound of torso with:
 - A. Entrance wound in left shoulder without surrounding powder tattooing or soot on skin or clothing
 - B. Perforation of lungs, aorta and chest
 - C. Recovery or projectile in right lateral chest wall
 - D. Associated bilateral hemothoraces of 200 cc on the right and 2500 cc on the left
 - E. Overall pathway left to right, relatively straight in the front to back pathway and downward

TOXICOLOGY ANALYSIS: See laboratory report.

CONCLUSION: In consideration of the circumstances surrounding the death, and after examination of the body, it is my opinion that the death of Juan Chavez-Martinez, a 25-year-old white Hispanic male, is the result of a gunshot wound of the torso.

The manner is classified as homicide.

The autopsy of the body of Juan Chavez-Martinez is performed pursuant to Florida Statute 406.11 by Marie H. Hansen, MD, Associate Medical Examiner, District Nine at the Orange County Medical Examiner facility, Orlando, Florida on June 13, 2016 @ 2:30 p.m.

IDENTIFICATION: The body of Juan Chavez-Martinez is positively visually identified by comparison to the photograph in Mexican Passport #11980319818 by FDLE Special Agent Walsh on June 12, 2016 @ 10:43 p.m. The identification is made to Chief M.E. Investigator Carol Hicks.

CLOTHING AND VALUABLES: The body is clothed in a shirt, shorts with a belt, underwear, shoes and socks, and is accompanied by a wallet with a Mexican ID card, a Mexican passport, two credit cards, a key, personal papers, a girdle, two packages of gum, a lanyard and a key card, as well as cash in the amount of three \$20 bills, two \$5 bills, one \$2 bill and eleven \$1 bills for a total of \$83 in cash. Also accompanying the body is a package of ointment, as well as two foreign currency bills, a Venezuelan Cien Bolivares and a Honduran Cinco Lempiras bill and a club wristband. The clothing and personal items are turned over to law enforcement.

GENERAL STATEMENT: The body is that of a 76 inch, 259 pound, normally developed and well-nourished white Hispanic male, appearing consistent with the given age of 25 years. There is moderate rigor mortis present and anterior non-blanching livor mortis observed.

EXTERNAL EXAMINATION

The hair of the head is brown and 1½ inches in length. The irides are brown with equal round pupils bilaterally. The right sclerae is clear except for tache noire and the left sclerae is congested but without distinctive petechiae. The earlobes are neither creased nor pierced. The mouth has a full set of natural teeth that are white and in good repair.

The neck is unremarkable.

The chest has an increased AP diameter and symmetric breasts that are without palpable masses. The nipples are without crusting or ulceration but have a small black body hair around them. The abdomen is without scarring. The external genitalia are those of an adult non-circumcised male, with bilaterally descended testicles.

The upper and lower extremities are otherwise unremarkable except for the inner aspect of the left calf which has superficial gray perforations that measure from 1 to 3 mm in greatest dimension with embedded black material. The anterior and posterior surfaces are otherwise without areas of significant tattooing or scarring.

SPECIAL PROCEDURES: Toxicologic analysis: body fluids and tissues consisting of peripheral, heart and right chest blood, bile, urine, and ocular fluid are obtained. Forensic analysis: DNA card and pulled head hair.

EVIDENCE OF MEDICAL INTERVENTION: None.

EVIDENCE OF INJURY

There is a single penetrating gunshot wound to the torso with an entrance at a point 1 inch below the top of the shoulder and 9 inches to the left of the midline through a 1 cm x 0.7 cm defect with irregular edges and an area of blanching with an inferior semi-curved 4 cm x 1 mm contusion inferior to the defect.

The wound track continues through the muscles of the anterior chest with perforation of the left chest wall between the left 2nd and 3rd ribs, perforation of the left upper and left lower lobes of the lung, perforation of the aorta and perforation of the upper and lower lobe of the right lung and perforation of the right chest through the right lateral three/four interspace. The wound track continues into the right lateral muscles of the chest where a small caliber, deformed pointed tipped, yellow metal-jacketed projectile is recovered in the muscle adjacent to the 8th rib on the right lateral chest in areas of hemorrhage.

The wound is accompanied by bilateral hemothoraces of 200 cc on the right and 2500 cc on the left.

The overall pathway is therefore slightly front to back, left to right, and downward with a projectile recovered at autopsy.

Examination of the hands reveals no areas of contusion or laceration.

Examination of the inner aspect of the left leg (shin) reveals superficial perforations of 1 mm to 3 mm with surrounding gray/black discoloration and partially embedded black material over a 5 x 7 cm area in an alignment with the bottom of the left calf muscle, midway between the knee and ankle. There is discoloration of the superficial fat but no injury to the underlying muscle, vessels

or bone. This may represent small ricochet shrapnel injuries to the inner aspect of the left leg.

INTERNAL EXAMINATION

HEART: The pericardial sac contains 5 cc of clear yellow fluid. The 470 gram heart has a right anatomic dominant coronary arterial system that on serial section is without significant atherosclerosis. The atria are bilaterally unremarkable, and the foramen ovale is closed. Each of the heart valves has the correct number of thin pliable leaflets or cusps.

The myocardium is red-tan to red-brown and 1 cm in thickness in the interventricular septum and left ventricular free wall, without distinctive areas of mottling or scarring.

PERIPHERAL VASCULAR SYSTEM: The aorta is intact except as described in the paragraphs on Evidence of Injury, and is without areas of stenosis or aneurysmal dilatation. It has normal branching in the thoracic and abdominal cavities. The iliac and carotid arteries are unremarkable to examination and palpation.

HEAD and BRAIN: There is no subgaleal, epidural, subdural, or subarachnoid hematoma. The leptomeninges are clear with congested vessels over the convexity of the cortex of the 1380 gram brain.

The vessels at the base of the brain that comprise the circle of Willis are thin-walled and without atherosclerosis or aneurysm. Serial coronal sections reveal gray-tan cortical ribbon and diffusely softened white matter. The corpus callosum, lateral ventricles, basal ganglia, and hippocampi, posterior lobes, cerebellum and brainstem are unremarkable grossly and on section. The substantia nigra has an adequate amount of pigmentation and the crossing fibers in the pons are without areas of hemorrhage or tumor.

Stripping of the dura reveals an intact calvarium and base of skull. The pituitary is red-brown and without hemorrhage or tumor on section.

NECK ORGANS: The superficial and deep muscles of the anterior neck are without hematoma. The tongue is unremarkable on horizontal section. The hyoid bone and thyroid cartilage are intact. The epiglottis is without edema or petechiae. The trachea is without occlusion by food or foreign material.

Palpation of the anterior cervical vertebral column reveals no evidence of fracture.

LUNGS: There are bilateral hemothoraces as described in the paragraphs on Evidence of Injury. The right and left lungs weigh 450 and 320 grams respectively. The pleural surfaces are tan-pink with a small amount of anthracosis and, aside from hemorrhage associated with the gunshot wound pathway as described in the paragraphs on Evidence of Injury, sectioning of the parenchyma reveals tan-pink parenchyma with mild anthracosis and no evidence of pulmonary emboli, tumor, hemorrhage or distinctive areas of consolidation. The distal tracheobronchial trees are without mucus plugging.

LIVER: The 1320 gram liver has an intact capsule and a brown-tan parenchyma with respiratory grooving and a lobular architecture. It is slightly decreased in resistance to sectioning. The gallbladder contains an estimated 6 cc of yellow-green, runny bile without gallstones. The mucosa is otherwise unremarkable.

RETICULOENDOTHELIAL SYSTEM: The 140 gram spleen has a dull capsule that wrinkles easily. The parenchyma is red-purple and soft, without fibrosis, hemorrhage or tumor on section. The paratracheal lymph nodes are tan-brown and 3-5 mm in greatest dimension. The remaining lymph node chains are grossly unremarkable.

ENDOCRINE SYSTEM: The thyroid gland has symmetric, red-brown lobes that are homogeneous on section. The adrenal glands have bilaterally golden yellow cortices and gray medullae, and are without hemorrhage or tumor on section. The pancreas consists of tan lobulated tissue, without interdigitated fat, fibrosis, hemorrhage, tumor or pseudocyst formation.

GENITOURINARY SYSTEM: The right and left kidneys weigh 160 and 140 grams respectively. The capsules strip easily revealing red-brown smooth, cortical surfaces of normal thickness. The medullae, calices, collecting systems, ureters, and bladder are unremarkable. The bladder is mildly distended with an estimated 135 cc of clear, pale yellow fluid.

The prostate is tan-brown and smooth without increased size or nodularity on section. The testicles are unremarkable to palpation.

GASTROINTESTINAL SYSTEM: The esophageal mucosa is tan-white and glistening. The stomach contains 10 cc of black opaque fluid without identifiable food fragments, pill fragments or distinctive odor. The underlying rugal folds

are mildly autolyzed but without evidence of antral or duodenal ulceration. The serosal surfaces of the small bowel, appendix, and colon are grossly unremarkable.

MUSCULOSKELETAL SYSTEM: The subcutaneous fat is 4 cm at the umbilicus and the muscle is normally formed. Examination of the clavicles, cervical, thoracic, lumbar, and sacral vertebral column, as well as the anterior rib cages bilaterally reveals no evidence of acute trauma. The pelvic girdle is also unremarkable to examination. Examination of the long bones and joints of the upper and lower extremities reveals no palpable fractures.

MHH/jw

Patient: CHAVEZ-MARTINEZ, JUAN
Age: 25 Sex: M
Client Patient ID: 9-16-949
Account#: VX82959
Physician: HANSEN, MARIE
Client: DISTRICT 9 MEDICAL EXAMINER MISC
TOXICOLOGY

Specimen Collected : 06/13/2016

Lab Order No: 661401248

Reg Date: 06/14/16

Test Name	Result	Units	Cutoff/Reporting Limits
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VOLATILE PANEL - VOLP

SPECIMEN TYPE

RIGHT CHEST BLOOD

ETHANOL	NONE DETECTED	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

RIGHT CHEST BLOOD

GC/MS

IBUPROFEN, CAFFEINE

LC/MS/MS

CAFFEINE, CAFFEINE METABOLITE
BLOOD IMMUNOASSAY SCREEN

AMPHETAMINES	NEGATIVE	mg/L	0.100
BARBITURATES	NEGATIVE	mg/L	0.100
BENZODIAZEPINES	NEGATIVE	mg/L	0.050
BUPRENORPHINE	NEGATIVE	mg/L	0.001
CANNABINOIDS	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

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

Reviewed by: [Signature] Date: 7/18/16
FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE
TOXICOLOGY REPORT
CHAVEZ-MARTINEZ, JUAN

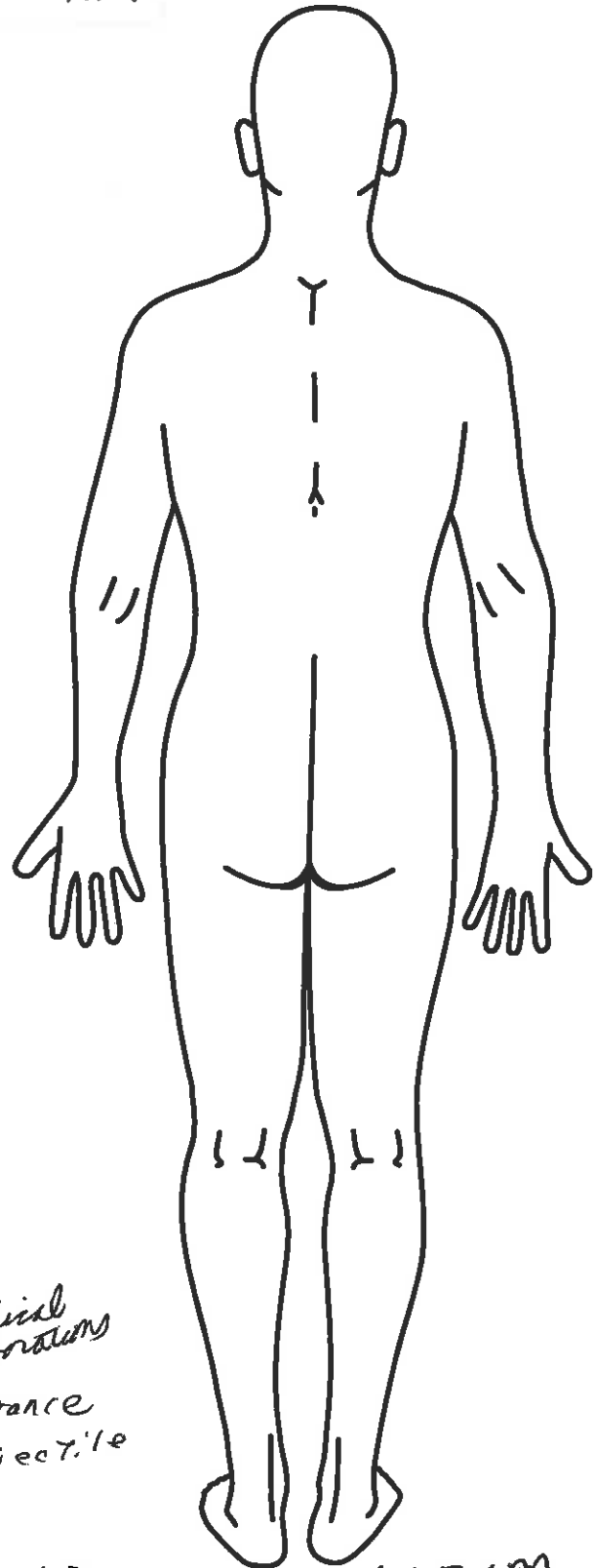
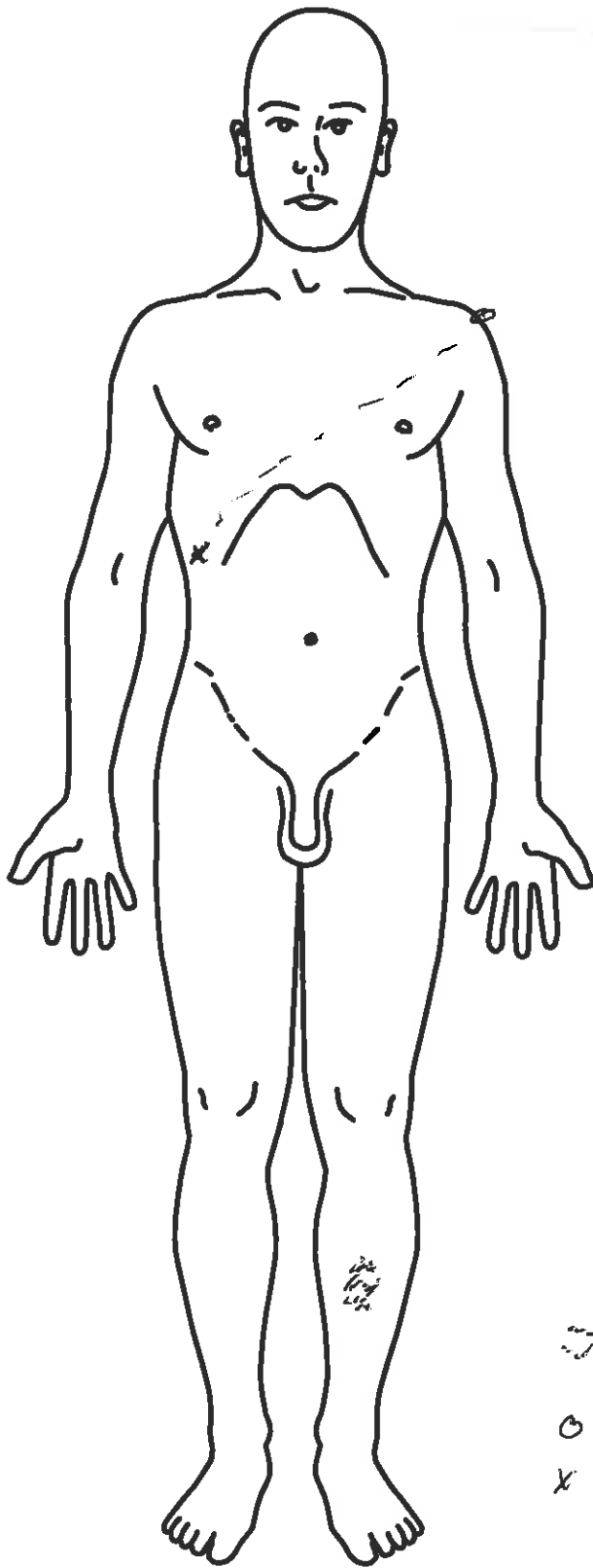
ME16-00949

Chavez-Martinez, Juan

25 Years - M

6/12/2016

mm



- superficial perforations
o = Entrance
x = projectile

INJURY CLARIFICATION DIAGRAM
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for protocol only
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