

TAB#2



Office of the Medical Examiner

Eighteenth District - Brevard County

District Medical Examiner Sajid Qaiser, MD, FCAP, FRCPC

Diplomate of American Board of Pathology - Anatomic, Clinical & Forensic

Diplomate of Royal College of Physicians & Surgeons of Canada

1750 Cedar Street, Rockledge, FL 32955 - Phone (321) 633-1981 • Fax (321) 633-1986




Name of Deceased: EDWARDS, GREGORY ME#: A-18-953
Place of Residence: 4029 GARDENWOOD CIRCLE Age: 38
GRANT, FL 32949
Place of death: ROCKLEDGE REGIONAL MEDICAL CENTER Race: B
ROCKLEDGE, FL 32955
Date and time of death: 12/10/2018 @ 2000 HOURS Sex: M
Date and time of autopsy: 12/11/2018 @ 0955 HOURS
CAUSE OF DEATH: EXCITED DELIRIUM AND COMPLICATIONS
DUE TO: HYPERACTIVE AND VIOLENT STATE WITH SUBSEQUENT RESTRAINT
OTHER SIGNIFICANT CONDITION: DESQUAMATIVE INTERSTITIAL PNEUMONITIS, EARLY
HEPATIC CIRRHOSIS, OBESITY, POSTTRAUMATIC
STRESS DISORDER, MINOR EXTERNAL BODY INJURIES
MANNER OF DEATH: ACCIDENT

Autopsy Findings

1. Several small and medium sized contusions, right upper extremity and sides of posterior trunk.
2. Few small abrasions, face, hands and wrists.
3. Patterned contusions (13 inches x 2 inches), anterior abdomen.
4. Obesity, 256 pounds.
5. Mild brain edema and moderate lung edema.
6. Evidence of therapeutic intervention.
7. Desquamative interstitial pneumonitis and early hepatic cirrhosis, microscopic.
8. [Clinical history of posttraumatic stress disorder].

NOTANDA: As per investigations, deceased allegedly was in a hyperactive and violent behavior, and then was taken into custody by law enforcement officers. While in custody, he was pepper sprayed, tasered, put in handcuffs, and then put in a restraint chair and Spit Hood. The decedent was then placed in a holding cell by himself, where later he was found unresponsive. He was pronounced in a local hospital.


Sajid S. Qaiser, MD, FCAP, FRCPC

Name of Deceased:

EDWARDS, GREGORY

ME#: A-18-953

Technicians present: Tamika Mounsey
Frank Simpson

EXTERNAL EXAMINATION

Identification: A tag attached to the body carrying bag identifies the body.

The unembalmed remains are those of an obese, black male, appearing consistent with the stated age, measuring 72 inches in length and 256 pounds in weight.

The face has black mustache and goatee. The scalp is covered by short, black and curly hair. The irides are dark brown, the pupils are equal and the sclerae are unremarkable. The jaws have natural teeth. The external genitalia are those of an adult circumcised male. A curvilinear scar is on the left knee.

Clothing: The body is brought nude in the morgue.

Postmortem Changes: Livor mortis is moderate, partially fixed and mostly on the back. Rigor mortis is generalized and has full extent. The body is warm.

Therapeutic Intervention: The following objects/lines are found applied to the body: endotracheal tube, intravenous and intraosseous lines, electrocardiographic pads, urethral catheter and oximeter device.

EVIDENCE OF INJURY

Externally: On the right cheek a 1-1/4 inch x 1/2 inch abrasion. Tiny and small abrasions with scabs are seen on the forearms and wrists, measuring 1/16 inch to 1 inch. These are punctate, flat and elongated. Along the left wrist are two to three linear, transversely oriented indented abraded contusions.

Medium sized blue contusions are on the right elbow and right upper ventral forearm. They measure 1 inch x 1 inch to 3 inch x 2 inches. On the right side of the back of the torso are four blue contusions, measuring 3 inch x 2-1/2 inch to 4-1/2 inch x 2 inches. On the left side of the back torso is a 2 inch x 1 inch blue contusion and on the left lateral buttock are three blue contusions measuring 3 inch x 3 inch to

Name of Deceased:

EDWARDS, GREGORY

ME#: A-18-953

4 inch x 3 inches. A few 1/4 inch sized cutaneous vesicles/bullae are on the right side of upper lateral back.

Internally: A small 1 inch x 1/2 inch contusion is under the posterior scalp. The subgaleal tissues are grossly unremarkable. The skull (calvarium and base) is grossly intact. Intracranially, no gross hemorrhages (epidural, subdural or subarachnoid) are noted. The brain is mildly edematous (respirator brain).

Re-examination of body: On December 12, 2018, multiple incisions into the right and left wrists, back of right and left hands and right and left ankles, revealed large subcutaneous and deep tissue hematomas, in all of the areas incised.

INTERNAL SYSTEMIC EXAMINATION

Body Cavities: The body cavities are entered in the usual manner and the organs are removed with the Virchow's technique. The organs are in their usual anatomic positions. Blood-tinged watery fluid is noted accumulated in the thoracic and abdominal cavities. Intravascular consumption coagulopathy is noted. The soft tissues in the lung hilar areas and along the aorta, trachea and esophagus have hemorrhagic ecchymoses (CPR).

Head: The scalp is reflected after the usual intermastoid incision and is free of subcutaneous or subgaleal hemorrhage. The calvarium is intact. The external meninges are unremarkable, without epidural or subdural hemorrhage. The brain is mildly edematous, as stated above, and weighs 1450 grams (pre-fixation). The brain is covered by glistening, transparent leptomeninges. The brain is soft in consistency (respirator effect, non-perfused brain). The cerebral hemispheres are symmetrical. The vessels at the base of the brain are intact and normal. The cranial nerves appear normal. No gross contusion, abrasion or laceration is noted. The pituitary gland is grossly unremarkable in the intact sella turcica of the sphenoid bone. The brain is fixed in 10% formalin.

The fixed brain weighs 1490 grams (post-fixation).

Coronal sections through cerebrum are grossly unremarkable. The gray and white matters are normally and symmetrically distributed. The hippocampi are symmetrical. The ventricular system is of normal contour. Sections through cerebellum and brainstem are unremarkable as well. Representative sections are taken from various areas of the brain, dura matter, leptomeninges and also from the pituitary gland for microscopic studies.

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EDWARDS, GREGORY

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

Cardiovascular System: The heart weighs 380 grams. The epicardial surface is glistening. The coronary arteries arise and run normally. No gross atherosclerosis or thrombi are noted. Serial sectioning of the heart reveals reddish-brown myocardium. The heart is open in the direction of the blood flow, yielding unremarkable valves, papillary muscles, and chordae tendineae. The chambers are adequate. The venae cavae and pulmonary arteries are free of antemortem thrombus. The aorta is intact, with severe atherosclerosis.

Respiratory System: The trachea and bronchial tree are clear of debris or foreign material; the mucosal surfaces are smooth and yellow-tan. The right lung weighs 800 and the left lung 790 grams. The pleural surfaces are smooth and glistening. Incisions through the blood vessels and main stem bronchi are negative for thrombosis or foreign body lodgment. Serial sectioning reveals soft, severely congested and moderately edematous parenchyma.

Gastrointestinal System: The tongue is without evidence of recent injuries. The esophagus is lined by gray smooth mucosa and is empty. The stomach contains 100 milliliters of pasty reddish-brown fluid with white specks. The mucosa is without any gross lesions. The small and large intestines are unremarkable to inspection and palpation. The appendix is present.

The liver weighs 1230 grams. The capsule is intact, glistening and smooth. The parenchyma is rubbery and tan-brown. The gallbladder contains approximately 1 milliliter of yellowish-brown bile. Serial sectioning of liver is grossly unremarkable.

The pancreas has the usual external configuration and on section has the usual tan lobulated appearance.

Reticuloendothelial System: The spleen weighs 50 grams. The capsule is intact, smooth and glistening. The parenchyma is firm and dusky red.

The regional lymph nodes are normal. The bone marrow is red-purple and homogenous.

Name of Deceased:

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ME#: A-18-953

Genitourinary System: The right and left kidneys weigh 200 grams each. Stripping of the capsules reveal smooth cortical surfaces. On section there is good cortical medullary definition. The calices, pelves and ureters are unremarkable. The urinary bladder is empty and the mucosa is without gross lesions.

The prostate is unremarkable externally and on serial sectioning. The testicles are within a grossly unremarkable scrotal sac. Serial sectioning through testes is unremarkable.

Endocrine System: The thyroid and adrenal glands are grossly unremarkable.

Musculoskeletal System: The muscles, joints and bones are without any gross note.

TOXICOLOGY

Samples from blood and vitreous are submitted for toxicology evaluation. For results see toxicology report.

HISTOLOGY

Brain: Multiple representative sections are taken from all parts of the brain.

The dura membrane has vascular congestion with extravasation of red blood cells (artifact).

The leptomeninges has vascular congestion.

The neuronal cells show minimal (cerebellum) to mild (cerebrum and brainstem) ischemic changes, consistent with terminal bodily state, and mild patchy edema with status spongiosa.

Lungs: Interstitial pneumonitis of desquamative variant with moderate to severe edema and congestion.

Liver: Moderate portal hepatitis with bridging fibroses consistent with early cirrhosis. There is patchy hepatocytic necrosis.

Heart, coronary artery, kidneys, spleen, thyroid, pancreas, adrenals, and testes: Essentially unremarkable.

SQ/kw

Patient: EDWARDS, GREGORY
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MD

Age: 38 Sex: M
Account #: FT0000038265
Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 02/07/19

Lab Order No: 0207:T00001R

Reg Date: 02/07/19

Test Name	Result	Units	Cutoff/ Reporting Limits
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VOLATILE PANEL, VITREOUS-VOLPV

SPECIMEN TYPE	VITREOUS		
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

ELECTROLYTE PANEL-ELEPV

SPECIMEN TYPE	VITREOUS	
UREA NITROGEN	8.1	mg/dL
CREATININE	<0.2	mg/dL
Test repeated - result verified.		
SODIUM	153	mEq/L
POTASSIUM	9.1	mEq/L
CHLORIDE	125	mEq/L
GLUCOSE	<10.0	mg/dL

Glucose results from patients with gammopathies, in particular Waldenstrom's Macroglobulinemia may result in an abnormal reaction profile. Although the incidence of this occurrence is rare, glucose results from these patients should be interpreted with caution.

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

Reviewed by: _____

FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

Date

2/20/19

Toxicology Report

EDWARDS, GREGORY

Printed: 02/19/19 1510

Patient: EDWARDS, GREGORY
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MDAge: 38 Sex: M
Account #: FT0000028381
Client: Dist 18 Medical Examiner**TOXICOLOGY**

Specimen Collected: 12/11/18

Lab Order No: 1211:T00005R

Reg Date: 12/11/18

Test Name	Result	Units	Cutoff/ Reporting Limits
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COMMENT: AMENDED REPORT; SEE VOLATILES RESULTS

VOLATILE PANEL-VOLP

SPECIMEN TYPE	ANTEMORTEM BLOOD		
Labeled "EDWARDS, GREGORY L" DATED 12/9/18 @ 1528			
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

NO 1,1-DIFLUOROETHANE DETECTED

Analysis by Gas Chromatography (GC) Headspace Injection

BLOOD DRUG SCREEN-BDSME

SPECIMEN TYPE	ANTEMORTEM BLOOD
Labeled "EDWARDS, GREGORY L" DATED 12/9/18 @ 1528	
GC/MS	Quantity Not Sufficient
LC/MS/MS	DIPHENHYDRAMINE, NALOXONE, 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

DIPHENHYDRAMINE-DIPP

Toxicology Report

EDWARDS, GREGORY

Printed: 02/06/19 1521

Patient: EDWARDS, GREGORY
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MD

Age: 38 Sex: M
Account #: FT0000028381
Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 12/11/18

Lab Order No: 1211:T00005R

Reg Date: 12/11/18

Test Name	Result	Units	Cutoff/ Reporting Limits
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SPECIMEN TYPE ANTEMORTEM BLOOD

LABELED "EDWARDS, GREGORY L" DATED 12/9/18 @ 1528

DIPHENHYDRAMINE

0.416

mg/L

0.044

Usual antihistaminic/hypnotic range:
0.100 - 1.000 mg/L

Analysis by GC/MS

Patient: EDWARDS, GREGORY
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MD

Age: 38 Sex: M
Account #: FT0000028381
Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 12/11/18 Lab Order No: 1211:T00006R Reg Date: 12/11/18

Test Name	Result	Units	Cutoff/ Reporting Limits
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VITREOUS DRUG SCREEN-VDSME

SPECIMEN TYPE

VITREOUS

GC/MS

Quantity Not Sufficient

LC/MS/MS

DIPHENHYDRAMINE, CAFFEINE, CAFFEINE METABOLITE

VITREOUS IMMUNOASSAY SCREEN

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

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

Reviewed by: _____

FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

Date

2/6/19

Toxicology Report

EDWARDS, GREGORY

Printed: 02/06/19 1521

Patient: EDWARDS, GREGORY
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MD

Age: 38 Sex: M
Account #: FT0000034215
Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 01/15/19

Lab Order No: 0115:T00018R

Reg Date: 01/16/19

Test Name	Result	Units	Cutoff/ Reporting Limits
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MISCELLANEOUS TEST - TXMIS

SPECIMEN TYPE ANTEMORTEM BLOOD

LABELED "EDWARDS, GREGORY L" DATED 12/9/18 @ 1528

MISCELLANEOUS TEST

DICHLOROETHANE, BLOOD

1,1-Dichloroethane = NONE DETECTED

Reporting limit = 0.50 mcg/mL

1,2-Dichloroethane = NONE DETECTED

Reporting limit = 0.50 mcg/mL

No reference data available.

Testing performed by NMS Labs, 3701 Welsh Rd, Willow Grove,
PA 19090-2910

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

Reviewed by: _____

FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

Date

2/5/19

Toxicology Report

EDWARDS, GREGORY

Printed: 02/04/19 1526

Patient: EDWARDS, GREGORY
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MD

Age: 38 Sex: M
Account #: FT0000028381
Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 12/11/18

Lab Order No: 1211:T00005R

Reg Date: 12/11/18

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

SPECIMEN TYPE	ANTEMORTEM BLOOD		
Labeled "EDWARDS, GREGORY L" DATED 12/9/18 @ 1528			
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	ANTEMORTEM BLOOD
Labeled "EDWARDS, GREGORY L" DATED 12/9/18 @ 1528	
GC/MS	Quantity Not Sufficient
LC/MS/MS	DIPHENHYDRAMINE, NALOXONE, 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

DIPHENHYDRAMINE-DIPP

SPECIMEN TYPE	ANTEMORTEM BLOOD
Labeled "EDWARDS, GREGORY L" DATED 12/9/18 @ 1528	
DIPHENHYDRAMINE	0.416

Toxicology Report

EDWARDS, GREGORY

Printed: 12/27/18 1209



Steward Reference Laboratory
6800 Spyglass Court
Melbourne, Florida 32940
Shondell Bouie, M.D., Laboratory Director

Patient: EDWARDS, GREGORY
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MD

Age: 38 Sex: M
Account #: FT0000028381
Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 12/11/18

Lab Order No: 1211:T00005R

Reg Date: 12/11/18

Test Name	Result	Units	Cutoff/ Reporting Limits
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Usual antihistaminic/hypnotic range:
0.100 - 1.000 mg/L

Analysis by GC/MS

Patient: **EDWARDS, GREGORY**
Client Patient ID: 18-18-953
Physician: Qaiser, Sajid MD

Age: 38 Sex: M
Account #: FT0000028381
Client: Dist 18 Medical Examiner

TOXICOLOGY

Specimen Collected: 12/11/18

Lab Order No: 1211:T00006R

Reg Date: 12/11/18

Test Name	Result	Units	Cutoff/ Reporting Limits
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VITREOUS DRUG SCREEN-VDSME

SPECIMEN TYPE

VITREOUS

GC/MS

Quantity Not Sufficient

LC/MS/MS

DIPHENHYDRAMINE, CAFFEINE, CAFFEINE METABOLITE

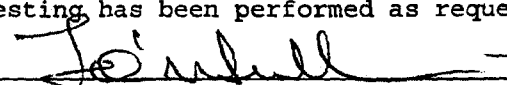
VITREOUS IMMUNOASSAY SCREEN

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



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

Reviewed by:


FINAL REPORT - THIS COMPLETES REPORTING ON THIS CASE

Date

12/28/18

Toxicology Report

EDWARDS, GREGORY

Printed: 12/27/18 1209