

NOV 10 2007

07-33431

OFFICE OF THE MEDICAL EXAMINER
FLORIDA, DISTRICTS 7 & 24
VOLUSIA & SEMINOLE COUNTIES
1360 INDIAN LAKE ROAD, DAYTONA BEACH, FL 32124-1001
(386) 258-4060

NAME	COMEAU, MURIEL EDNA DILUZIO	MEDICAL EXAMINER #	07-0717V
DATE OF BIRTH	DECEMBER 3, 1968	DATE OF DEATH (FOUND)	SEPTEMBER 27, 2007
AGE	38 YEARS	COUNTY	VOLUSIA
RACE	WHITE	DATE OF EXAM	SEPTEMBER 28, 2007
SEX	FEMALE	TIME OF EXAM	0920 HOURS

FINAL DIAGNOSES AND FINDINGS

- I. ASPHYXIA DUE TO HANGING
- A. Circumstances of being found hanging in her cell in jail
 - B. Shoe laces ligature by the body
 - C. Two abrasion furrows around the neck

CAUSE OF DEATH: Asphyxia
DUE TO: Hanging
MANNER OF DEATH: Suicide

XC: State Attorney's Office
Volusia County Sheriff's Office

Predrag Bulic MD

Date: 11-6-07

Predrag Bulic, M. D.
Associate Medical Examiner



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NAME COMEAU, MURIEL EDNA DiLUZIO

ME # 07-0717V

REPORT OF AUTOPSY

OFFICIALS PRESENT AT EXAMINATION

Investigator M. Blair of the Volusia County Sheriff's Office.

EXTERNAL EXAMINATION

The body is viewed unclothed. There is no jewelry.

The body is that of a well developed, adequately nourished white woman appearing the offered age of 38 years. The body measures 60½ inches in length and weighs 104 pounds. The body mass index is 20.

The unembalmed body is well preserved and cool to touch due to refrigeration. Rigor mortis is fully developed in the major muscle groups. Livor mortis is fixed posteriorly except over pressure points. The skin is clean-pale-dry-wet.

The scalp hair is brown-red and measures up to 25 centimeters in length. The irides are brown and the pupils are equal, each measuring 0.5 centimeter in diameter. The corneae are clear and the sclerae and conjunctivae are free of petechiae or other abnormalities. The nasal bones are intact by palpation. The nares are patent and contain no foreign matter. The natural teeth are in fair repair. The frenula are intact. The mucosa and tongue are free of injuries. There is no foreign material in the mouth. The external ears have no injuries. There are multiple cosmetic earlobe piercings and no earlobe creases.

The symmetrical neck has no masses or injuries. The trachea is in the midline.

The shoulders are symmetrical and are free of trauma.

The chest and back are symmetrical and have no scars or injuries. The breasts have no palpable masses.

The flat abdomen has no scars or injuries.

The genitalia are those of a normally developed adult woman. There is no evidence of injury. The anus is unremarkable.

The upper extremities have no distinctive type scars of intravenous narcotism or hesitation marks. The fingernails are short and clean.



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NAME COMEAU, MURIEL EDNA DiLUZIO

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REPORT OF AUTOPSY

The lower extremities are symmetrical. The toenails are short and clean. There is no edema of the legs or ankles.

Passive motion of the neck, shoulders, elbows, wrists, fingers, hips and ankles fails to elicit any bony crepitus or abnormal motion.

EVIDENCE OF INJURY

By the body is a ligature consisting of two black shoelaces. The ends of the shoelaces are tied together forming a loop which has been cut at the scene. There are two ligature furrows around the neck that merge into one single linear furrow on the right side. The single ligature abrasion on the right is more pronounced. It is dry and brown-red with a width of 0.4 centimeters, a depth of 0.3 centimeters and it slants sharply upward. On the left there are two ligature abrasions. One slants sharply upward and disappears behind the left ear towards the point of suspension. The second ligature furrow is a pale-tan linear impression on the skin that slants slightly upward on the left side of the neck. Posteriorly it passes just below the hair bearing area. Anteriorly, the two furrows begin to branch off just above the thyroid cartilage. The soft tissues of the neck have no hemorrhage. The larynx, hyoid bone and the cervical spine are intact.

There are two shallow parallel lacerations of the right lateral hypothenar measuring 1 centimeter and 3 centimeters in length. The dorsal aspect of the left forearm has an area of multiple, parallel, shallow, crusted incisions ranging from 1.0 to 2.5 centimeters in length.

EVIDENCE OF RECENT MEDICAL TREATMENT

There are cardiac monitor patches on the chest and abdomen. An intravenous catheter is in the right antecubital fossa. There is a combi-tube positioned within the esophagus.

EVIDENCE OF ORGAN AND/OR TISSUE DONATION

None.

OTHER IDENTIFYING FEATURES

There are identification bands on the ankles and right wrist.

There is an 8 centimeter vertically oriented, healed scar on the left wrist.

A tattoo of a cross with a rose in the middle is on the left upper back.



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NAME **COMEAU, MURIEL EDNA DiLUZIO**

ME # **07-0717V**

REPORT OF AUTOPSY

INTERNAL EXAMINATION: The following excludes any previously described injuries.

BODY CAVITIES

The muscles of the chest and abdominal wall are normal in color and consistency. The lungs are inflated and collapse when the pleural cavities are opened. The ribs, sternum and spine exhibit no fractures. The right and left pleural cavities have no free fluid or adhesions. The mediastinum is in the midline. The pericardial sac has a normal amount of clear yellow fluid. The diaphragm has no abnormality. The subcutaneous abdominal fat measures 2.0 centimeters in thickness at the umbilicus. The abdominal cavity is lined with glistening serosa and has no collections of free fluid. The organs are normally situated and congested. The mesentery and omentum are unremarkable.

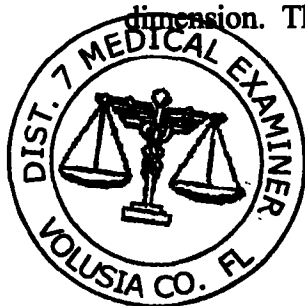
NECK AND TONGUE

The soft tissues and the strap muscles of the neck have no hemorrhage. The hyoid bone and the cartilages of the larynx and thyroid are intact and show no evidence of injury. The larynx and trachea are lined by smooth pink-tan mucosa, are patent and contain no foreign matter. The epiglottis and vocal cords are unremarkable. The cervical vertebral column is intact. The carotid arteries and jugular veins are unremarkable. The tongue is unremarkable.

CARDIOVASCULAR SYSTEM

The heart weighs 240 grams. The epicardial surface has a normal amount of glistening, yellow adipose tissue. The heart is of the usual configuration. The circumferences of the valves are within normal range. The endocardium is tan. The valvular tissues are thin and pliable. The mural and valvular endocardia have no vegetations or thrombi. The papillary muscles and projecting myocardial muscle bundles are of normal prominence. The chordae tendineae have no abnormalities. The coronary ostia are in their usual location and give rise to normally distributed arteries. The coronary circulation is right dominant with the posterior descending arising from the right coronary artery. The major coronary arteries are free of atherosclerosis. The cut surfaces of the red-brown myocardium have no hemorrhage, necrosis or scars. The right ventricle ranges from 0.2 centimeters to 0.3 centimeters in thickness. The septum, anterior, lateral and posterior free walls of the left ventricle measure 1.2 centimeters in thickness, respectively.

The pulmonary trunk and arteries have no thromboemboli. The intimal surface of the aorta is free of atherosclerosis. The ostia of the major branches are of normal distribution and dimension. The inferior vena cava and tributaries have no antemortem clots.



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REPORT OF AUTOPSY

RESPIRATORY SYSTEM

The lungs weigh 460 grams and 360 grams, right and left, respectively. There is a moderate amount of subpleural anthracotic pigment within all lobes. The pleural surfaces are thin and free of exudates. The trachea and bronchi are lined by smooth tan epithelium and have a small amount of mucus. The cut surfaces of the lungs are variegated pink-red, of the usual consistency and moderately congested. No neoplasms are seen. There is no bronchopneumonia, consolidation, fibrosis or calcification.

HEPATOBIILIARY SYSTEM

The liver weighs 1200 grams. The capsule is intact. The cut surfaces are red-brown and of normal consistency. There are no focal lesions. The gallbladder contains 12 milliliters of dark green bile. There are no stones. The mucosa is unremarkable. The large bile ducts are patent and non-dilated.

HEMOLYMPHATIC SYSTEM

The thymus is involuted. The spleen weighs 70 grams. The capsule is smooth, shiny and intact. The cut surfaces are dark red, soft and congested. The lymphoid tissue in the spleen is within a normal range. The lymph nodes throughout the body are not enlarged.

GASTROINTESTINAL SYSTEM

The esophagus is empty and the mucosa is unremarkable. The stomach contains an estimated 100 milliliters of dark green, partially digested creamy chyme. The gastric mucosa has no inflammation or ulceration. The rugal pattern is regular. The duodenum contains bile-stained fluid. The remaining gastrointestinal tract has no major alterations to external inspection and palpation. The vermiform appendix is identified. The tan, lobulated pancreas has no neoplasia, calcification or hemorrhage.

UROGENITAL SYSTEM

The kidneys are of similar size and shape and weigh 100 grams and 130 grams, right and left, respectively. The capsules are intact and strip with ease. The cortical surfaces are smooth and red-brown. The cut surfaces reveal a well-defined corticomedullary junction. There are no structural abnormalities of the medulla, calyx or pelvis. The ureters are slender and patent. The urinary bladder has approximately 50 milliliters of clear, cloudy yellow urine. The mucosa is unremarkable.



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The vagina has a normal pattern of mucosal folds and contains no foreign matter. The uterus, Fallopian tubes and ovaries are unremarkable.

ENDOCRINE SYSTEM

The adrenal glands have a normal configuration with the golden yellow cortices well demarcated from the underlying medullae. The maroon thyroid gland has no gross alterations. The pituitary gland is unremarkable.

MUSCULOSKELETAL SYSTEM

The ribs, sternum, clavicles, pelvis and vertebral column have no recent fractures. The muscles are normally formed.

CENTRAL NERVOUS SYSTEM

The scalp has no hemorrhage or contusions. The calvarium is intact. There is no epidural, subdural or subarachnoid hemorrhage. The brain is of a normal convolutional pattern and weighs 1320 grams. The meninges are clear. The cortical surfaces of the brain have no abnormalities. There is no uncal or tonsillar herniation. The cerebral arteries are free of atherosclerosis and patent. The cut surfaces of the brain have normal relations of gray and white matter. There are no intraparenchymal hemorrhages or evidence of neoplasm. There are no fractures of the base of the skull. The dura mater is free of stains and discolorations. The spinal cord is not examined.

MICROSCOPIC EXAMINATION: Three slides examined on November 2, 2007.

HEART: Myocardium with no pathologic alterations.

LUNG: Pulmonary congestion with intra-alveolar and interstitial macrophages containing anthracotic pigment.

LIVER: Liver parenchyma without significant pathologic alterations.

BRAIN: Section of hippocampus without pathologic changes.

TOXICOLOGY: See separate comprehensive report from AIT Laboratories.

End of Report





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Michael Evans, Ph.D., Andrea Terrell, Ph.D., DABCC

Robert Foery, Ph.D., DABCC/DABTC

LABORATORY CASE NUMBER: 417607	Subject's Name: CONEAU, MURIEL E.
Client Account: 10995 / VCME01	Agency Case #: 07-0717V
Physician: PB	Date Of Death: 09/27/2007
Report To: VOLUSIA COUNTY MEDICAL	Test Reason: Other
ATTN: Barry Appleby	Investigator: LN
Director of Operations	Date Received: 10/04/2007
1360 Indian Lake Road	Date Reported: 10/22/2007
Daytona Beach, FL 32124	

Laboratory Specimen No: 40053090	Date Collected: 09/28/2007
Container(s): 01: Red Top Bottle Blood; PERIPHERAL	Test(s): 70510 Comprehensive Drug Panel (550B)

Analyte Name	Result	Concentration	Units	Therapeutic Range	Loc
AMPHETAMINES	Negative				
BARBITURATES	Negative				
BENZODIAZEPINES	POSITIVE				
Nordiazepam	POSITIVE				
Nordiazepam, Quant		55	ng/mL	60-1800	
Chlordiazepoxide	POSITIVE				
Chlordiazepoxide, Quant		83	ng/mL	500-3000	
Clonazepam	POSITIVE				
Clonazepam, Quant		15.2	ng/mL	10-75	
Lorazepam	POSITIVE				
Lorazepam, Quant		111	ng/mL	50-240	
CANNABINOIDS	Negative				
COCAINE/METABOLITES	POSITIVE				
Benzoyllecgonine	POSITIVE				
Benzoyllecgonine, Quant		56	ng/mL		
FENTANYL	Negative				
METHADONE	Negative				
OPIATES	Negative				
PHENCYCLIDINE	Negative				
PROPOXYPHENE	Negative				
SALICYLATES	Negative				
ALCOHOLS	Negative				
Methanol	Negative				
Ethanol	Negative				
Acetone	Negative				
Isopropanol	Negative				
STIMULANTS	Negative				

P. Butic

ORIG. TO PB
COPY TO LN/CH
DATE 10/22/07 JAL

CONEAU, MURIEL E.

Laboratory Case #: 417607

Print Date/Time: 10/22/2007, 12:29:05



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Laboratory Specimen No: 40053090

Continued...

Analyte Name	Result	Concentration	Units	Therapeutic Range	Loc
NARCOTICS	Negative				
SEDATIVES/HYPNOTICS	Negative				
ANTIDEPRESSANTS	Negative				
Citalopram	POSITIVE				
Citalopram, Quant		26	ng/mL	10-120	
ANALGESICS	Negative				
ANESTHETICS	Negative				
CARDIOVASCULAR AGENTS	Negative				
ANTIHISTAMINES	Negative				
ANTICONVULSANTS	Negative				
ANTIPSYCHOTICS	Negative				

Specimens will be kept for one year from the date received.

CONEAU, MURIEL E.

Laboratory Case #: 417607

Print Date/Time: 10/22/2007, 12:29:05

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Robert Foery, Ph.D., DABCC/DABTC

Laboratory Specimen No: 40053091

Date Collected: 09/28/2007

Container(s) : 01: Bottle-Yellow Urine, Random

Test(s) : 70080

Drugs of Abuse Panel (900U)

Analyte Name	Result	Concentration	Units	Therapeutic Range	Loc
AMPHETAMINES	Negative				
BARBITURATES	Negative				
BENZODIAZEPINES	POSITIVE				
Oxazepam	POSITIVE				
Oxazepam, Quant		293	ng/mL		
CANNABINOIDS	POSITIVE				
Carboxy THC	POSITIVE				
Carboxy THC, Quant		18	ng/mL		
COCAINE/METABOLITES	POSITIVE				
Benzoylcegonine	POSITIVE				
Benzoylcegonine, Quant		5815	ng/mL		
METHADONE/METABOLITE	Negative				
OPIATES	Negative				
OXYCODONE/METABOLITE	Negative				
PHENCYCLIDINE	Negative				
ALCOHOLS	Negative				

CONEAU, MURIEL E.

Laboratory Case #: 417607

Print Date/Time: 10/22/2007, 12:29:05

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Laboratory Specimen No: 40053092

Date Collected: 09/28/2007

Container(s) : 01: Vitreous

Vitreous, EYE

Test(s) : 70570

Autopsy Panel, Volatiles (550V1)

32400

Electrolytes Panel (910COR)

Analyte Name	Result	Concentration	Units	Therapeutic Range	Loc
Chloride		128	MMOL/L		
Creatinine		0.4	mg/dL		
Glucose		39	mg/dL		
Potassium		7.4	MMOL/L		
Sodium		143	MMOL/L		
Urea Nitrogen		15	mg/dL		
ALCOHOLS	Negative				
Methanol	Negative				
Ethanol	Negative				
Acetone	Negative				
Isopropanol	Negative				

The Specimen identified by this Laboratory Specimen Number has been handled and analyzed in accordance with all applicable requirements.

CONEAU, MURIEL E.

Laboratory Case #: 417607

Print Date/Time: 10/22/2007, 12:29:05

Foery, Robert

Signature of Certifying Scientist

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