

POSTMORTEM REPORT

ME-8 REV 1/90

Rhode Island Department of Health
OFFICE OF THE MEDICAL EXAMINER
 48 Orms Street, Providence, RI 02904

M.E. CASE NO. 93-726
COUNTY OF DEATH Providence
TOWN OF DEATH East Providence
DATE OF DEATH 07 Mar 93

THIS IS TO CERTIFY THAT RICHARD J. EVANS M.D., CHIEF MEDICAL EXAMINER	PERFORMED A POSTMORTEM EXAMINATION ON THE BODY Lori Mariano
AT OFFICE STATE MEDICAL EXAMINERS	BEGINNING AT ON 08 Mar 93
IN THE PRESENCE OF	

AND SAID POSTMORTEM REVEALED

NARRATIVE SUMMARY:

EXTERNAL DESCRIPTION: This is the body of a white female whose appearance is consistent with the stated age of 30 years. The height is approximately 5 feet 6 inches and weight is approximately 160 pounds. The scalp hair is long and brown with streaks of gray and is tangled and matted in some areas. The irides are blue and the pupils measure 4 mm. in diameter bilaterally. The upper and lower teeth are natural and in a fair state of repair. The ear canals, nostrils, and oral cavity are unremarkable. No petechial hemorrhages are present involving the conjunctivae. The face is plethoric. No facial fractures or skull fractures are palpable. The neck shows no evidence of hypermobility on manipulation and no bruises, lacerations, or pressure marks are seen involving the skin of the neck. The chest is unremarkable. The breasts are unremarkable. No rib fractures or sternal fractures are seen. Examination of the abdomen reveals a pressure pattern consistent with the ceramic tiles of the floor of the bathroom on which she was found. This pattern is present largely on the left side of the abdomen. There is no evidence of organomegaly or masses. The genitalia are of an unremarkable female. Examination of the upper extremities reveals a 3/4 inch recent bruise involving the medial aspect of the right upper arm. A few strands of hair are present in the palm of the right hand and this hair is consistent with the hair of the decedent. A "bracelet" of hair is present around the palm and fingers of the left hand and is consistent with the hair of the decedent. The hands and nails are otherwise unremarkable. No fractures or dislocations of the upper extremities are seen. No needle marks are seen. Vaginal speculum exam is unremarkable. A few recent appearing bruises are present on the medial aspect of the bilateral upper thighs. The lower extremities are otherwise unremarkable except for the presence of a clump of hair, consistent with that of the decedent, between the toes of the left foot. Examination of the back, anus, and buttocks is unremarkable. Speculum examination
 (report continues on next page)

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Narrative Summary of Postmortem Examination: (continued)

of the anus is unremarkable.

Swabs of the vaginal secretions and anus are taken to rule out the presence of sperm.

INTERNAL EXAMINATION: The usual Y-shaped incision is made. The subcutaneous tissues, adipose tissues, and musculature appear normally hydrated. No fractures or dislocations are present. All organs are normally present within the thoracic, abdominal, and pelvic cavities. No hemorrhages or effusions are present involving any body cavity. There is no evidence of pulmonary embolism. The pericardial sac is unremarkable.

ORGAN WEIGHTS: Heart - 429 grams
Right Lung - 842 grams
Left Lung - 677 grams
Liver - 1525 grams
Spleen - 247 grams
Right Kidney - 254 grams
Left Kidney - 281 grams
Brain - 1307 grams

NECK: No hemorrhages are present involving the subcutaneous tissues, soft tissues, or musculature of the neck. The hyoid bone and cartilages of the trachea and larynx are intact and show no evidence of fracture. No petechial hemorrhages are seen on the epiglottis or larynx. The oral pharynx, nasal pharynx, thyroid gland, and tongue are unremarkable. No obstruction of the upper respiratory airways is seen. The carotid sheaths are unremarkable bilaterally. No evidence of cervical fracture or dislocation is seen.

HEART: The coronary arteries are normal in size, caliber, and distribution with no evidence of significant atherosclerosis, obstruction, or thrombosis. There is no evidence of right ventricular hypertrophy, although a moderate degree of concentric left ventricular hypertrophy is present. On cut sectioning, the myocardium does not show evidence of mottling or scarring. The cardiac valves are unremarkable, and the in-flow and out-flow tracks of the heart appear unremarkable. The great vessels are unremarkable. The aorta does not show evidence of significant atherosclerosis.

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POSTMORTEM REPORT (Continued)

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Narrative Summary of Postmortem Examination: (continued)

RESPIRATORY SYSTEM: The lungs are heavily congested bilaterally but are otherwise unremarkable. There is no evidence of frank consolidation or pulmonary fibrosis. The bronchial tree contains a small amount of liquid vomitus bilaterally, but is otherwise unremarkable. There is no evidence of pulmonary embolism.

DIAPHRAGM: Unremarkable.

LIVER AND BILIARY SYSTEM: The liver has a normal color but shows slight blunting of the margins suggestive of fatty metamorphosis of mild to moderate degree. There is no evidence of fibrosis or cirrhosis. The gallbladder and biliary system are unremarkable.

GASTROINTESTINAL SYSTEM: The esophagus and stomach are unremarkable. The stomach contains only a small amount of clear brown fluid. The large and small bowel are unremarkable. The appendix is unremarkable.

SPLEEN: Unremarkable.

URINARY SYSTEM: The kidneys are unremarkable externally and on cut sectioning, and the renal pelves, ureters, and bladder are unremarkable.

UTERUS, FALLOPIAN TUBES, AND OVARIES: Unremarkable with no evidence of pregnancy or any abnormality.

ADRENAL GLANDS: Unremarkable.

CENTRAL NERVOUS SYSTEM: The usual intermastoid incision is made and the scalp is reflected. No subgaleal hemorrhages are present. No skull fractures are present. There is no evidence of epidural, subdural, or subarachnoid hemorrhage. The brain shows no evidence of trauma. The brain shows no evidence of significant natural disease externally or on cut sectioning. The vasculature at the base of the brain is unremarkable. The brain does not appear to be swollen.

POSTERIOR NECK DISSECTION: Unremarkable.

CERVICOTHORACIC SPINAL CORD: Unremarkable.

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CAUSE OF DEATH:

Hypertrophic Cardiomyopathy

MANNER OF DEATH: NATURAL

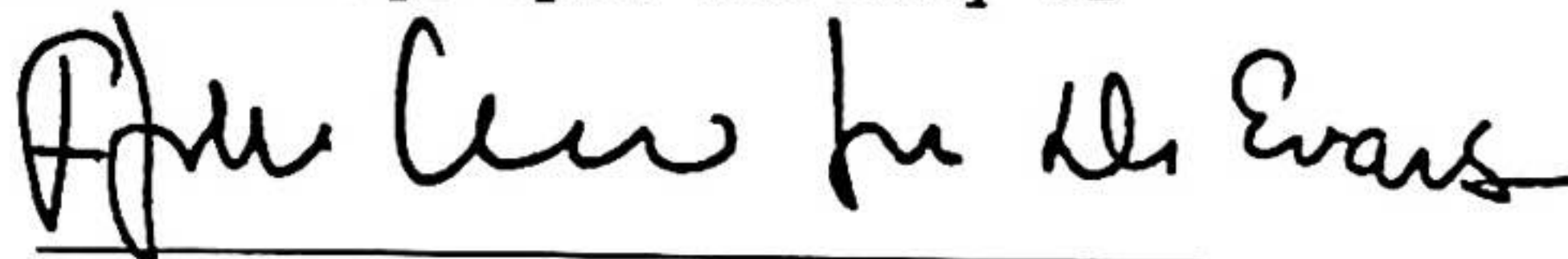
SUMMARY AND COMMENT:

This is a 30-year-old white female with a history of cocaine abuse and a history of schizophrenia treated with Lithium and Mellaril. She was found unclothed, lying on the floor of the bathroom of her residence and had had a several day history of flu-like symptoms and was not feeling well.

Based upon the available history, autopsy findings, and laboratory studies, it is the opinion of the undersigned that Lori Mariano died as a result of
The manner of death is

Certification:

This is a true statement of the postmortem findings upon the body of Lori Mariano.



F. John Krolikowski, M.D. for RICHARD J. EVANS M.D.
(Acting Chief Medical Examiner) CHIEF MEDICAL EXAMINER
11 Aug 93

(End of Report)

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**State of Rhode Island and Providence Plantations
Office of the Medical Examiner**

Ballistics _____ Toxicology XXX
 Drug I.D. _____ Serology _____
 Phy. Evidence _____ Bacteriology _____
 Documents _____ Other _____

LABORATORY REQUEST

Lab. Case No. _____ M.E. Case No. 0726-93 Date 3/8/93

Name Lori Mariano Age 39 Race W Sex F

Cause of Death _____

Summary of Case Found by police naked, dead

on bathroom floor. Known cocaine user.

lithium, melbril, trihexyphenidyl
MUSCLES, STIMBIANT

URINE AVAILABLE YES NO

DECOMPOSITION YES NO

HOSPITAL SURVIVAL _____ HRS _____ DAYS

ANTEMORTEM SPECIMEN BLOOD URINE GASTRIC

DRUGS NONE SEE LIST BELOW

<u>Evidence/Specimen</u>	<u>Exam Desired</u>	<u>Result</u>
<u>3 B.T. 3 qt (1 fem) Blood</u>	<u>STAT CO, EDX, Cocaine</u>	<u>see attached report</u>
	<u>STAT drugs</u>	
	<u>Screen.</u>	
<u>1 R.T. Vitamins</u>		
<u>1 bag Pills</u>	<u>for ID</u>	

[Signature]
 F. John Krolkowski, M.D. 3/8/93 12P
 Medical Examiner 3/8/93 12:30
 Agent Liamie Gilvra 3/8/93 12:40
 Received in Lab. By: _____ Date/Time _____

Report Date _____
 By: _____
 Position: _____

Rhode Island Department of Health
Division of Laboratories
Forensic Sciences Branch
50 Orms Street
Providence, RI 02904
(401) 274-1011, FAX (401) 277-6064

Summary of Analytical Findings

April 28, 1993

FS # 133-923

To: Office of the Medical Examiner
Att: F. John Krolikowski, M.D.

Your Case # ME0726-93

Victim(s): Lori Mariano

DOB

Suspect(s):

DOB

Evidence Submitted By: Prescott Mowry
Office of the Medical Examiner

Date Received: March 8, 1993

Item #1 Sexual Assault Evidence from Lori Mariano
four (4) vaginal swabs
two (2) anal swabs
known blood
one (1) red top tube
one (1) lavender top tube

RESULTS and OBSERVATIONS:

Item #1 See table for blood types of Lori Mariano.

Seminal fluid was not identified on vaginal or rectal swabs.

Summary of Blood Typing:

<u>Sample</u>	<u>ABO</u>	<u>Rh</u>
Item #1 Lori Mariano - known blood	B	positive

LABORATORY NUMBER ME- 726-93 Date received 3/08/93
Name of decedent LORI MARIANO Sex F Race CAUCASIAN Age 39
Medical Examiner KROLIKOWSKI
Delivered by ARTHUR BROWN Received by LAURIE OGILVIE
Suspected cause of death:
PENDING
Final cause of death:
PENDING
Case summary:
FOUND BY POLICE NAKED AND DEAD ON BATHROOM FLOOR. KNOWN COCAINE USER.

LABORATORY FINDINGS

Specimen: BLOOD

BLOOD/CO DIFF.SPECTROSCOPY Detection limit 1% COHB
Therapeutic range 1% COHB..... to 10% COHB
Results: < 1% COHB CARBON MONOXIDE

BLOOD/LIQ.EXTRACTION Detection limit 0.10 MCG/ML
Results: NO DRUGS DETECTED BY ROUTINE SCREEN

BLOOD/VOLATILES SCREEN Detection limit 10 MG/DL
Results: NO VOLATILES DETECTED

Specimen: VITREOUS HUMOR

VH/ACETAMINOPHEN SCREEN Detection limit 0.30 MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/AMPHETAMINES Detection limit 0.02MCG/ML

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Results: NEGATIVE/IMMUNOASSAY

VH/BARBITURATES Detection limit 0.05MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/BENZODIAZEPINES Detection limit 0.02MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/CANNABINOIDS Detection limit 25 NG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/COCAINE METABOLITES Detection limit 0.03MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/METHADONE METABOLITES Detection limit 0.03MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/OPIATES Detection limit 0.02MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/PHENCYCLIDINE Detection limit 25 NG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/PROPOXYPHENE Detection limit 0.3 MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VH/SALICYLATES Detection limit 5 MCG/ML
Results: NEGATIVE/IMMUNOASSAY

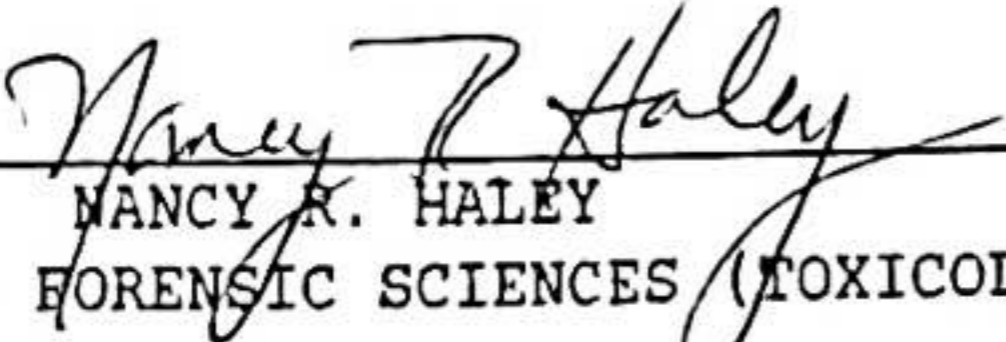
VH/TRICYCLICS Detection limit 0.03MCG/ML
Results: NEGATIVE/IMMUNOASSAY

VITREOUS/VOLATILES SCREEN Detection limit 10 MG/DL
Results: 10 MG/DL ACETONE

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Final Comments:

1 ACO


NANCY R. HALEY
SUPERVISOR, FORENSIC SCIENCES (TOXICOLOGY)

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5/7/93
DATE

CONCLUSIONS:

Further analysis is available in this laboratory to type blood, secretions, or other body fluids identified on items of evidence. Aliquots of blood from known samples are dried onto cotton patches for use in further analysis.

Unless otherwise noted, all items of evidence and any hairs, fibers, and debris collected will be held at the laboratory should further analysis be requested.


Examiner


Supervisor/
Forensic Serology

OFFICE OF THE CHIEF MEDICAL EXAMINER
STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS

Name Lori Mariano Case No. 93-726

HISTOLOGY REPORT

Heart (1) Fragmentation of muscle fibers &
an abundance of hypertrophic
myocardial fiber nuclei are seen.

lung (2) atelectatic. Edema fluid is
evident.

liver (1) there is fine ^{foamy} vacuolization of liver
cells along with scattered foci of
macrovascularization.

Brain (2) not discernible

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Signature Jay D. [unclear] 8/24/93

RHODE ISLAND DEPARTMENT OF HEALTH
SEROLOGY LABORATORY
50 ORMS STREET
PROVIDENCE, R.I. 02904

DATE: 3/10/93
TIME: 13:35

HIV LAB REPORT

R.I.D.H. - TOXICOLOGY
50 ORMS ST.
PROVIDENCE, R.I.
02904

SAMPLE ID HIV RESULTS

cocaine
EIA Intrp: NEGATIVE
WB: Not Tested
Final Intrp: NEGATIVE

IFA: Not Tested

ME 0726-93

Dr. Fj Krolkowski

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