


12

AUTOPSY REPORT

No. 2018-09806
BURROUS, CHRISTOPHER
ROCKY

I performed an autopsy on the body of 

at THE DEPARTMENT OF MEDICAL EXAMINER-CORONER

Los Angeles, California on December 28, 2018 0900
(Date) (Time)

From the anatomic findings and pertinent history I ascribe the death to:

- (A) Methamphetamine toxicity
 - (B)
 - (C)
 - (D)
- OTHER CONDITIONS CONTRIBUTING BUT NOT RELATED TO THE IMMEDIATE CAUSE OF DEATH:
Hypertensive and atherosclerotic cardiovascular disease

Anatomical Summary:

- I. Hypertensive cardiovascular disease
 - A. Concentric left ventricular hypertrophy
- II. Atherosclerotic cardiovascular disease
 - A. Left anterior descending artery, 60% stenosis
- III. Pulmonary edema, marked
- IV. Rectal mucosa erythema, and serosal hemorrhage
- V. Hepatosplenomegaly

CIRCUMSTANCES:

Please see Investigator's Report.

EXTERNAL EXAMINATION:

The body is identified by toe tags and is that of an unembalmed refrigerated adult male who appears the reported age of 43 years. The body measures 72 inches, weighs 222 pounds, and is normally developed. The nutritional status is unremarkable. Examination of the skin no evidence of jaundice. Scars: right upper back, and underneath chin. Tattoos: not identified. Rigor mortis is absent. Livor mortis is blanching with pressure and posterior.

The head is normal in size and shape. The scalp hair is brown. There is no temporal or vertex balding. Mustache is absent .

Beard is absent. Examination of the eyes reveals irides that appear to be brown and sclerae that are white. The conjunctivae are not congested. The oronasal passages are unobstructed. There is no foam in the nares or oral cavity. Upper and lower teeth are present. Frenulae and oral mucosa are intact.

There is no chest deformity. There is no increased anterior-posterior diameter. The abdomen is flat. The genitalia are those of an adult male. The external genitalia are without trauma or lesions.

EVIDENCE OF THERAPEUTIC INTERVENTION:

There is an endotracheal tube that traverses the oropharynx, and terminates in the trachea. There is a defibrillator pad of the mid back. There is an intraosseous line of the left shin. There is focal pericardial hemorrhage. Recent needle punctures are not identified. There has not been post mortem intervention for organ procurement.

POST MORTEM CHANGES:

There is no evidence of post mortem changes.

EVIDENCE OF INJURY:

There is no evidence of injury.

INITIAL INCISION:

The body cavities are entered through the standard coronal incision and the standard Y-shaped incision. No foreign material is present in the mouth, upper airway, and trachea.

NECK:

The neck organs are removed en bloc with the tongue. There is no edema of the larynx. Both hyoid bone and larynx are intact and without fractures. No hemorrhage is present in the adjacent throat organs investing fascia, strap muscles, thyroid, or

visceral fascia. There are no prevertebral fascial hemorrhages. The tongue when sectioned shows no trauma.

CHEST/ABDOMINAL CAVITY:

Pleural effusions are absent. Pleural fibrous adhesions are absent. The parietal pleurae are intact. Soft tissues of the thoracic and abdominal walls are well-preserved. The organs of the abdominal cavity have a normal arrangement and none are absent. Ascites is not present. The peritoneal cavity is without evidence of peritonitis. There are no adhesions.

SYSTEMIC AND ORGAN REVIEW:

Note: The following observations are limited to findings other than injuries, if described above.

MUSCULOSKELETAL SYSTEM:

No abnormalities of the uninjured bony framework or muscles are identified.

CARDIOVASCULAR SYSTEM:

The thoracic and abdominal aorta have no atherosclerosis. There is no tortuosity or widening of the thoracic segment. There is no dilation of the lower abdominal segment. No aneurysm is present. The major branches of the aorta show no abnormality. Within the pericardial sac there is minimal fluid.

The heart weighs 450 grams. It has a normal configuration. The cardiac silhouette is not globular and the myocardium is not flabby. The right ventricle is 0.3 cm, the interventricular septum is 1.9 cm in thickness, and the left ventricle is 1.9 cm in thickness. The chambers are normally developed and are without mural thrombosis. The valves are thin, leafy, and competent. No cardiac valve vegetations are present. There is no endocardial discoloration. There is no abnormality of the apices of the papillary musculature. There are no defects of

the septum. The great vessels enter and leave in a normal fashion. The ductus arteriosus cannot be probed. The coronary ostia are patent, located at or below the sinotubular junction and are relatively centrally located within their respective sinuses. The coronary artery distribution is right dominant. Serial sectioning of the coronary arteries show mid left anterior descending artery concentric tan (60% stenosis) atherosclerosis.

RESPIRATORY SYSTEM:

Scant secretions are found in the upper respiratory and lower bronchial passages. The mucosa is intact and pale. The right lung weighs 1100 grams and the left lung weighs 1000 grams. The pulmonary parenchyma is dark red-purple and the cut surfaces exude a marked amount of blood and frothy fluid. The visceral pleurae are smooth and intact. The pulmonary vasculature is without thromboembolism. There is no evidence of pulmonary infarction.

GASTROINTESTINAL SYSTEM:

The esophagus is intact throughout. Esophageal varices are not present. The stomach contains approximately 50 cc of brown (cannot identify types of food). The mucosa is unremarkable. The small intestine and colon are unremarkable. The perianal region surface shows a thin layer of clear jelly like material. The rectal serosal surface, and associated soft-tissue show diffuse hemorrhage. The mucosa of the rectum is slightly erythematous. The appendix is present. The pancreas occupies a normal position. There is no necrosis or trauma. There is no evidence of pancreatic fibrosis or of pancreatitis.

HEPATOBIILIARY SYSTEM:

The liver weighs 2500 grams, and is red-brown. The capsule is intact and the consistency of the parenchyma is firm. The cut surface is smooth. There is no evidence of cirrhosis. There is a normal lobular arrangement. The gallbladder is present. The wall is thin and pliable. It contains a moderate amount of bile and no calculi.

URINARY SYSTEM:

The right kidney weighs 200 grams and the left kidney weighs 200 Grams. The kidneys are normally situated and the capsules strip easily revealing a surface that is smooth and glistening. The corticomedullary demarcation is preserved. The pyramids are not remarkable. The peripelvic fat is not increased. The ureters are without dilation or obstruction and pursue their normal course. The urinary bladder is unremarkable. It contains approximately 20 mL of yellow urine. The urine is positive for methamphetamine.

GENITAL SYSTEM:

The prostate is not enlarged and is without nodularity. Both testes are in the scrotum and are unremarkable and without trauma.

HEMOLYMPHATIC SYSTEM:

The spleen weighs 600 grams. The capsule is intact. The parenchyma is dark red and soft. There is no increased follicular pattern. The bone is not remarkable. The bone marrow of the rib is unremarkable.

ENDOCRINE SYSTEM:

The thyroid, adrenal, and pituitary glands are unremarkable. The parathyroid glands are not identified. The thymus is the usual appearance for the age.

SPECIAL SENSES:

The eyes are not dissected. The middle and inner ear are not dissected.

HEAD AND CENTRAL NERVOUS SYSTEM:

There is no subcutaneous, subgaleal, or subperiosteal hemorrhage in the scalp. The external periosteum and dura mater are stripped showing no fractures of the calvarium or base of the skull. There are no tears of the dura mater. There is no epidural, subdural or subarachnoid hemorrhage.

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ROCKY

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The brain weighs 1500 grams. The leptomeninges are thin and transparent. A normal convolutionary pattern is observed. The brain is diffusely softened. Coronal sectioning demonstrates a uniformity of cortical gray thickness. The basal ganglia are intact. Anatomic landmarks are preserved. Cerebral contusions are not present. The ventricular system has a normal appearance without dilation or distortion. Pons, medulla, and cerebellum are unremarkable. There is no evidence of uncal or cerebellar herniation. Vessels at the base of the brain have a normal pattern of distribution. There are no aneurysms. The cerebral arteries are without arteriosclerosis.

SPINAL CORD:

The cord is not dissected.

EVIDENCE COLLECTION:

No evidence collected.

HISTOLOGIC SECTIONS:

Representative sections from various organs are preserved in one storage jar.

HISTOLOGIC KEY:

None.

TOXICOLOGY:

Samples of heart blood, femoral blood, gastric contents, urine and vitreous are submitted to the laboratory. An EDTA tube is collected for blood typing.

SPECIAL PROCEDURES:

None.

PHOTOGRAPHY:

Photographs have been taken prior to and during the course of the autopsy.

RADIOLOGY:

No radiologic examination performed.

WITNESSES:

There were no witnesses.

DIAGRAMS USED:

Diagram form #20 was used during the performance of the autopsy. Coroner diagrams are not intended to be facsimiles nor are they drawn to scale.

SUMMARY & OPINION:

This 43-year-old man, Christopher Rocky Burrous, died of methamphetamine toxicity. Hypertensive and atherosclerotic cardiovascular disease also significantly contributed to death.

According to reports, Mr. Burrous was with a companion in a hotel. He was engaged in various sexual activities with his companion, then he inserted methamphetamine into his rectum. Later on, in the encounter Mr. Burrous inserted a second 'rock' of methamphetamine through his anus and put on a mask and doused the filters with "poppers". His companion inserted his hand through his anus. Mr. Burrous began grunting, then vomited and became unresponsive. Cardiopulmonary resuscitation (CPR) was initiated before paramedics arrived. He was taken to the hospital and pronounced dead in the emergency room.

Autopsy revealed an enlarged heart, with coronary artery disease. Pulmonary edema (fluid in the lungs) was also present. The liver and spleen were enlarged. The rectum showed erythema (redness) with hemorrhage (bleeding) of the outermost layer.

Postmortem (after death) toxicology revealed methamphetamine (see separate report).

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ROCKY

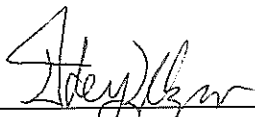
Page 8

Methamphetamine is a central nervous system stimulant with high potential for abuse. At any dosage it can cause an arrhythmia (lethal heart rhythm) and sudden death.

Hypertensive cardiovascular disease (high blood pressure) increases strain on the heart, which causes it to enlarge. In a large heart is at risk for an arrhythmia and sudden death. Atherosclerotic cardiovascular disease (cholesterol plaques of arteries supplying blood to the heart) decreases the amount of nutrients and oxygen delivered to the heart. Methamphetamine increases the blood pressure and can further narrow coronary arteries by spasm (contraction) therefore hypertensive and atherosclerotic cardiovascular disease also significantly contributed to death.

There was concern for the presence of amyl nitrate (poppers) in the system, however, toxicology testing did not confirm the presence of this substance.

The manner of death is accident.



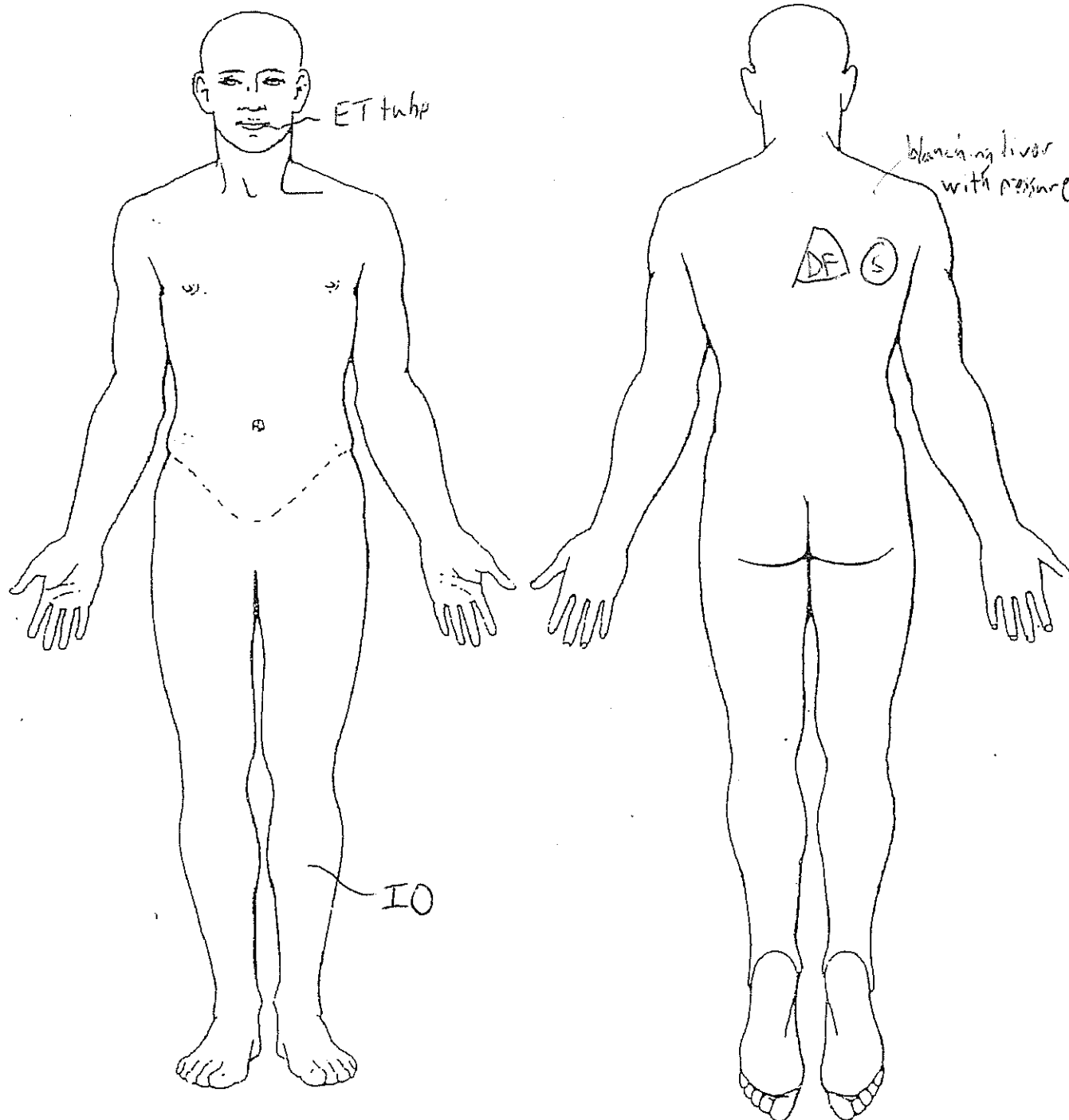
Odey C. Ukpo, M.D., M.S.
Senior Deputy Medical Examiner

2-22-19

Date

20

2018-09806

PURROUS, CHRISTOPHER ROCK
ACC SC

⑤ = scar
DF = deliberate force
IO = intraosseous line

Date 12-28-18

Signature of the Deputy Medical Examiner.

Deputy Medical Examiner

M.D.

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2018-09806

PURROUS, CHRISTOPHER ROCKY

ACC

S C

EXTERNAL EXAM

Sex
Race
Age
Height
Weight
Hair
Eyes
Sclera
Teeth
Mouth
Tongue
Nose
Chest
Breasts
Abdomen
Scar
Genitals
Edema
Skin
Decubitus

HEART Wt. 450

Pericardium RV
Hypertrophy Septum 1.9
Dilation LV 1.9
Muscle Septum
Valves
Coronaries m(LAD) 60%

AORTA**VESSELS****LUNGS Wt.**

R 1100
L 1000
Adhesions
Fluid
Atelectasis
Oedema - marked
Congestion
Consolidation
Bronchi
Nodes

PHARYNX**TRACHEA****THYROID****THYMUS****LARYNX****HYOID****ABDOMINAL WALL FAT****PERITONEUM**

Fluid
Adhesions

LIVER Wt. 2500

Capsule
Lobules
Fibros

GB (+)

Calculus

Bile ducts

SPLEEN Wt. 600

Color
Consistency
Capsule
Malpiment

PANCREAS**ADRENALS****KIDNEYS Wt.**

R 200

L 200

Capsule

Cortex

Vessels

Pelvis

Ureters

BLADDER 20 mL**GENITALIA**

Prostate

Testes

Uterus

Tubes

Ovaries

OESOPHAGUS**STOMACH**

Contents

DUOD. & SM. INT.**APPENDIX (+)****LARGE INT.****ABDOM. NODES****SKELETON**

Spine
Marrow
Rib Cage
Long bones
Pelvis

SCALP**CALVARIUM****BRAIN Wt.** 1300

Dura

Fluid

Ventricles

Vessels

Middle ears

Other

PITUITARY**SPINAL CORD****TOXICOLOGY SPECIMENS****SECTIONS FOR HISTOPATHOLOGY****MICROBIOLOGY****DIAGRAMS****X-RAYS****OTHER PROCEDURES****GROSS IMPRESSIONS**

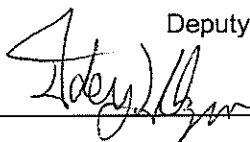
Date

12-28-18

Time

0900

Deputy Medical Examiner



15AUTOPSY CLASS: ☐ A ☒ B ☐ C ☐ Examination Only D☐ FAMILY OBJECTION TO AUTOPSYDate: 2-28-18 Time: 0900 Dr. Odey Ukpo
(Print)FINAL ON: 2-22-19 By: Odey Ukpo
(Print)APPROXIMATE
INTERVAL
BETWEEN
ONSET
AND
DEATH

DEATH WAS CAUSED BY: (Enter only one cause per line for A, B, C, and D)

IMMEDIATE CAUSE:

(A) Methamphetamine toxicity

DUE TO, OR AS A CONSEQUENCE OF:

(B)

DUE TO, OR AS A CONSEQUENCE OF:

(C)

DUE TO, OR AS A CONSEQUENCE OF:

(D)

OTHER CONDITIONS CONTRIBUTING BUT NOT RELATED TO THE IMMEDIATE CAUSE OF DEATH:

Hypertensive and atherosclerotic cardiovascular disease☐ NATURAL ☐ SUICIDE ☐ HOMICIDE☒ ACCIDENT ☐ COULD NOT BE DETERMINEDIf other than natural causes,
HOW DID INJURY OCCUR?Recreational usageWAS OPERATION PERFORMED FOR ANY CONDITION STATED ABOVE: ☐ YES ☒ NO

TYPE OF SURGERY: _____ DATE: _____

☐ ORGAN PROCUREMENT ☒ TECHNICIAN: S FloresPREGNANCY IN LAST YEAR ☐ YES ☐ NO ☐ UNK ☒ NOT APPLICABLE☐ WITNESS TO AUTOPSY ☐ EVIDENCE RECOVERED AT AUTOPSY
Item Description:**2018-09806****BURROUS, CHRISTOPHER ROCKY****ACC****SC**Age: 43 Gender: Male / Female

PRIOR EXAMINATION REVIEW BY DME

☒ BODY TAG ☐ CLOTHING
☐ X-RAY (No. _____) ☐ FLUORO
☐ SPECIAL PROCESSING TAG ☐ MED. RECORDS
☐ AT SCENE PHOTOS (No. _____)

CASE CIRCUMSTANCES

☐ EMBALMED
☐ DECOMPOSED
☐ >24 HRS IN HOSPITAL
☒ OTHER: 24hrs hospital (Reason)

TYPING SPECIMEN

TYPING SPECIMEN TAKEN BY: FloresSOURCE: femoral blood

TOXICOLOGY SPECIMEN

COLLECTED BY: Flores
☒ HEART BLOOD ☒ STOMACH CONTENTS
☒ FEMORAL BLOOD ☒ VITREOUSTECHNIQUE: ext☐ _____ BLOOD ☐ SPLEEN
☐ _____ BLOOD ☐ KIDNEY
☐ BILE ☒ EDTA femoral blood
☐ LIVER ☐ _____
☒ URINE ☐ _____

URINE GLUCOSE DIPSTICK RESULT: 4+ 3+ 2+ 1+ 0

TOX SPECIMEN RECONCILIATION BY: _____

HISTOLOGY

☒ Regular (No. 1) ☐ Oversize (No. _____)
Histopath Cut: ☐ Autopsy ☐ Lab

TOXICOLOGY REQUESTS

FORM 3A: ☐ YES ☐ NO
☐ NO TOXICOLOGY REQUESTED
SCREEN ☐ C ☐ H ☐ T ☐ S ☒ D☐ ALCOHOL ONLY☐ CARBON MONOXIDE☒ OTHER (Specify drug and tissue)inhalants panel (amyl nitrate)urine (+) methamphetamine

REQUESTED MATERIAL ON PENDING CASES

☐ POLICE REPORT ☐ MED HISTORY
☒ TOX FOR COD ☐ HISTOLOGY
☐ TOX FOR R/O ☐ INVESTIGATIONS
☐ MICROBIOLOGY ☐ EYE PATH. CONS.
☐ RADIOLOGY CONS.
☐ CONSULT ON: _____
☐ BRAIN SUBMITTED
☐ NEURO CONSULT ☐ DME TO CUT
☐ CRIMINALISTICS
☐ GSR ☐ SEXUAL ASSAULT ☐ OTHER

RESIDENT

DME



Department of Medical Examiner-Coroner, County of Los Angeles

FORENSIC SCIENCE LABORATORIES

1104 North Mission Road, Los Angeles, CA 90033

Laboratory Analysis Summary Report



Ukpo, Odey M.D.

Deputy Medical Examiner
1104 North Mission Road
Los Angeles, CA 90033

☒ PendingTox

Coroner Case Number: 2018-09806 **Decedent:** BURROUS, CHRISTOPHER ROCKY

<u>SPECIMEN</u>	<u>SERVICE</u>	<u>DRUG</u>	<u>RESULT</u>	<u>ANALYST</u>
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Alcohol Quantitation/Confirmation

Blood, Heart

Alcohol-GC/FID-HS	Ethanol	Negative	M. Schuchardt
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Drug Screen

Blood, Heart

ELISA-Immunoassay	Cocaine and Metabolites	ND	D. P. Cruz
ELISA-Immunoassay	Fentanyl	ND	D. P. Cruz
ELISA-Immunoassay	Methadone	ND	D. P. Cruz
ELISA-Immunoassay	Methamphetamine & MDMA	PP	D. P. Cruz
ELISA-Immunoassay	Opiates: Codeine & Morphine	ND	D. P. Cruz
ELISA-Immunoassay	Opiates: Hydrocodone & Hydromorphone	ND	D. P. Cruz
ELISA-Immunoassay	Phencyclidine	ND	D. P. Cruz

Drug Screen/Confirmation

Blood, Femoral

Sympath. Amines-GC/MS	Amphetamine	ND	D. Van Cleve
Sympath. Amines-GC/MS	Methamphetamine	0.31 ug/mL	D. Van Cleve
Sympath. Amines-GC/MS	Methylenedioxymethamphetamine (MDA)	ND	D. Van Cleve
Sympath. Amines-GC/MS	Methylenedioxymethamphetamine (MDMA)	ND	D. Van Cleve

Blood, Heart

Outside Test	Inhalants	* Done	NMS Labs, Inc.
Sympath. Amines-GC/MS	Amphetamine	ND	D. Van Cleve
Sympath. Amines-GC/MS	Methamphetamine	0.80 ug/mL	D. Van Cleve
Sympath. Amines-GC/MS	Methylenedioxymethamphetamine (MDA)	ND	D. Van Cleve
Sympath. Amines-GC/MS	Methylenedioxymethamphetamine (MDMA)	ND	D. Van Cleve

5/4

Coroner Case Number: 2018-09806 Decedent: BURROUS, CHRISTOPHER ROCKY

<u>SPECIMEN</u>	<u>SERVICE</u>	<u>DRUG</u>	<u>RESULT</u>	<u>ANALYST</u>
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NOTE: *Outside laboratory tested two inhalant panels; see NMS report for details.

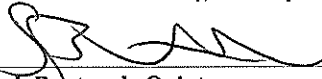
Legend:	ND	Not Detected	SNS	Specimen Not Suitable	
g	Grams	ng/g	Nanograms per Gram	TNP	Test Not Performed
g%	Gram Percent	ng/mL	Nanograms per Milliliter	ug	Micrograms
Inc.	Inconclusive	PP	Presumptive Positive	ug/g	Micrograms per Gram
mg	Milligrams	QNS	Quantity Not Sufficient	ug/mL	Microgram per Milliliter

The alcohol analysis was performed in accordance to California Code of Regulations "Title 17" compliance by a qualified analyst in the Forensic Toxicology Laboratory, Forensic Laboratories Division, County of Los Angeles Department of Medical Examiner - Coroner.

Enzyme-linked immunosorbent assay (ELISA) provides only a preliminary analytical result that is contingent upon a confirmatory test. A "presumptive positive" (PP) signifies a detection of a drug class and must be confirmed by additional testing for true identification and/or quantitation of specific drug(s) present in the specimen.

In accordance with the Department's Evidence Retention Policy, the blood specimen(s) will be retained for one-year and all other specimens for six-months from Autopsy.

Final Review By:


Sarah Buxton de Quintana
Supervising Criminalist I

Date:

2/6/19

The above results have been technically and administratively reviewed and are the opinions and conclusions of the analysts noted. The final review has been certified by the noted Toxicologist to ensure that all standard operating procedures were followed as set by the Forensic Toxicology Laboratory, Forensic Sciences Laboratory Division, County of Los Angeles Department of Medical Examiner-Coroner.

OCN 2-22-19



NMS Labs

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3701 Welsh Road, PO Box 433A, Willow Grove, PA 19090-0437
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com
Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Toxicology Report

Report Issued 02/01/2019 14:01

10139

Los Angeles County Coroner Medical Examiner
Attn: Mark Schuchardt
1104 N. Mission Road
Los Angeles, CA 90033

Patient Name BURROUS, CHRISTOPHER

Patient ID 2018-09806

Chain 19010749

Age Not Given DOB Not Given

Gender Not Given

Workorder 19010749

Received 01/11/2019 14:46

Chain of custody documentation has been maintained for the analyses performed by NMS Labs.

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be discarded six (6) weeks from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed.

Sample ID 19010749-001

Matrix Blood

Patient Name BURROUS, CHRISTOPHER

Patient ID 2018-09806

Container Type Gray Top Tube

Collect Dt/Tm 01/09/2019 13:58

Source Heart Blood

Approx Vol/Weight 2 mL

Receipt Notes None Entered

Analysis and Comments	Result	Units	Reporting Limit	Notes
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2411B Inhalants Panel, Solvents, Blood

Analysis by Headspace Gas Chromatography (GC)

Acetone	None Detected	mg/dL	0.50
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Normal: Up to 3 mg/dL.

Blood Acetone concentrations are markedly elevated during diabetic or fasting ketoacidosis and may range from 10 - 70 mg/dL.

n-Butanol	None Detected	mcg/mL	2.0
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Synonym(s): Butyl Nitrite Metabolite; Butyl Alcohol

Amyl Alcohol	None Detected	mcg/mL	2.0
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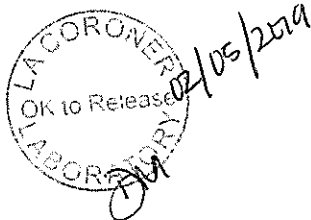
Synonym(s): Amyl Nitrite Metabolite

Isobutanol	None Detected	mcg/mL	2.0
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Synonym(s): Iso-Butyl Nitrite Metabolite; Isobutyl Alcohol

Iso-Amyl Alcohol	None Detected	mcg/mL	2.0
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Results for sample 19010749-001 are continued on next page





NMS Labs

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3701 Welsh Road, PO Box 433A, Willow Grove, PA 19090-0437
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com
Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 19010749-001

Collect Dt/Tm 01/09/2019 13:58

Matrix Blood

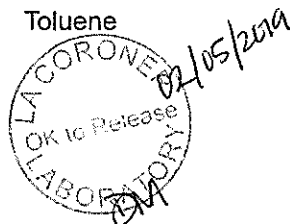
Source Heart Blood

Patient Name BURROUS, CHRISTOPHER

Patient ID 2018-09806

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Iso-Amyl Nitrite Metabolite				
Benzene	None Detected	mcg/mL	0.050	
Following exposure to 25 ppm in air for 2 hours: Approximately 0.2 mcg/mL.				
Ethanol	None Detected	mg/dL	5.0	
Synonym(s): Ethyl Alcohol; Metabolite of Ethyl Acetate				
Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.				
Ethyl Acetate	None Detected	mcg/mL	1.0	
Ethyl Ether	None Detected	mcg/mL	1.0	
Synonym(s): Diethyl Ether				
Heptane	None Detected	mcg/mL	2.0	
Hexane	None Detected	mcg/mL	2.0	
Isopropanol	None Detected	mg/dL	1.0	
Synonym(s): Isopropyl Alcohol				
Three workers exposed to 191 - 200 ppm isopropanol in air had blood isopropanol concentrations <1 mg/dL; acetone levels were 4 - 16 mg/dL during the exposure. After a sponge bath with isopropanol, one adult had a blood isopropanol concentration of 10 mg/dL.				
Methanol	None Detected	mg/dL	5.0	
Synonym(s): Methyl Alcohol				
Endogenous blood levels of methanol from metabolic and dietary sources are approximately 0.15 mg/dL.				
Exposure to 800 ppm methanol for 8 hours produced a maximum average blood methanol concentration of 3.1 mg/dL.				
Methyl Ethyl Ketone	None Detected	mcg/mL	0.30	
Synonym(s): MEK				
Pentane	None Detected	mcg/mL	2.0	
Styrene	None Detected	mcg/mL	0.50	
Toluene	None Detected	mcg/mL	0.30	

Results for sample 19010749-001 are continued on next page





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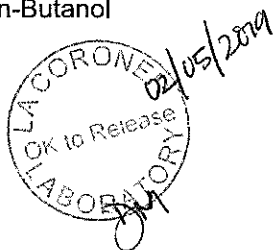
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Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com
Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 19010749-001
Matrix Blood
Patient Name BURROUS, CHRISTOPHER
Patient ID 2018-09806

Collect Dt/Tm 01/09/2019 13:58
Source Heart Blood

Analysis and Comments	Result	Units	Reporting Limit	Notes
Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.				
o-Xylene	None Detected	mcg/mL	0.30	
m-Xylene	None Detected	mcg/mL	0.30	
p-Xylene	None Detected	mcg/mL	0.30	
2415B Inhalants Panel, Blood				
Analysis by Headspace Gas Chromatography (GC)				
Benzene	None Detected	mcg/mL	0.050	
Following exposure to 25 ppm in air for 2 hours: Approximately 0.2 mcg/mL.				
Toluene	None Detected	mcg/mL	0.30	
Biological Exposure Index (ACGIH): 0.02 mcg Toluene/mL blood measured in a prior to last shift of workweek specimen.				
Xylene	None Detected	mcg/mL	0.30	
Following daily exposure to 100 ppm total Xylenes: Approximately 1 mcg/mL.				
Acetone	None Detected	mg/dL	0.50	
Normal: Up to 3 mg/dL. Blood Acetone concentrations are markedly elevated during diabetic or fasting ketoacidosis and may range from 10 - 70 mg/dL.				
Ethyl Acetate	None Detected	mcg/mL	1.0	
Methyl Ethyl Ketone	None Detected	mcg/mL	0.30	
Synonym(s): MEK				
Iso-Amyl Alcohol	None Detected	mcg/mL	2.0	
Synonym(s): Amyl Nitrite Metabolite				
n-Amyl Alcohol	None Detected	mcg/mL	2.0	
Synonym(s): Amyl Nitrite Metabolite				
Isobutanol	None Detected	mcg/mL	2.0	
Synonym(s): Iso-Butyl Nitrite Metabolite; Isobutyl Alcohol				
n-Butanol	None Detected	mcg/mL	2.0	

Results for sample 19010749-001 are continued on next page





NMS Labs

CONFIDENTIAL

3701 Welsh Road, PO Box 433A, Willow Grove, PA 19090-0437
Phone: (215) 657-4900 Fax: (215) 657-2972
e-mail: nms@nmslabs.com
Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 19010749-001

Collect Dt/Tm 01/09/2019 13:58

Matrix Blood

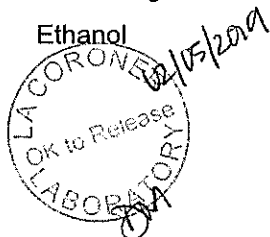
Source Heart Blood

Patient Name BURROUS, CHRISTOPHER

Patient ID 2018-09806

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Butyl Nitrite Metabolite; Butyl Alcohol				
Cyclopropane	None Detected	mcg/mL	2.0	
Ethyl Ether	None Detected	mcg/mL	1.0	
Synonym(s): Diethyl Ether				
Chloromethane	None Detected	mcg/mL	2.0	
Dichloromethane	None Detected	mcg/mL	2.0	
Synonym(s): Methylene Chloride				
Exposure to 200 ppm (TLV) in air for two hours produced up to 2.0 mcg/mL Blood.				
Chloroform	None Detected	mcg/mL	2.0	
Toxic: Greater than 70 mcg/mL.				
Carbon Tetrachloride	None Detected	mcg/mL	2.0	
Synonym(s): Tetrachloromethane				
Chloroethane	None Detected	mcg/mL	2.0	
Dichloroethane	None Detected	mcg/mL	2.0	
1,1,1-Trichloroethane	None Detected	mcg/mL	2.0	
Synonym(s): Methyl Chloroform				
1,1,2,2-Tetrachloroethane	None Detected	mcg/mL	2.0	
Trichlorofluoromethane	None Detected	mcg/mL	2.0	
Synonym(s): Freon 11				
Dichlorodifluoromethane	None Detected	mcg/mL	2.0	
Synonym(s): Freon 12				
Trichlorotrifluoroethane	None Detected	mcg/mL	2.0	
Synonym(s): Freon 113				
Methanol	None Detected	mg/dL	5.0	
Synonym(s): Methyl Alcohol				
Endogenous blood levels of methanol from metabolic and dietary sources are approximately 0.15 mg/dL.				
Exposure to 800 ppm methanol for 8 hours produced a maximum average blood methanol concentration of 3.1 mg/dL.				
Ethanol	None Detected	mg/dL	5.0	

Results for sample 19010749-001 are continued on next page





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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Sample ID 19010749-001

Matrix Blood

Patient Name BURROUS, CHRISTOPHER

Patient ID 2018-09806

Collect Dt/Tm 01/09/2019 13:58

Source Heart Blood

Analysis and Comments	Result	Units	Reporting Limit	Notes
-----------------------	--------	-------	-----------------	-------

Synonym(s): Ethyl Alcohol; Metabolite of Ethyl Acetate

Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.

Isopropanol

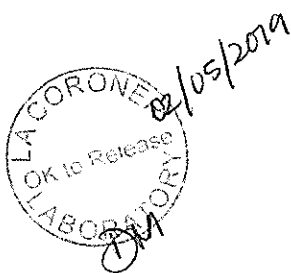
None Detected

mg/dL

1.0

Synonym(s): Isopropyl Alcohol

Three workers exposed to 191 - 200 ppm isopropanol in air had blood isopropanol concentrations <1 mg/dL; acetone levels were 4 - 16 mg/dL during the exposure. After a sponge bath with isopropanol, one adult had a blood isopropanol concentration of 10 mg/dL.



BKPO

COUNTY OF LOS ANGELES

CASE REPORT

DEPARTMENT OF CORONER

1	APPARENT MODE ACCIDENT	CASE NO 2018-09806
	SPECIAL CIRCUMSTANCES Celebrity, Media Interest	CRYPT SC

LAST, FIRST MIDDLE
BURROUS, CHRISTOPHER ROCKY

AKA
#

ADDRESS
18357 HIAWATHA STREET

CITY
NORTHRIDGE

STATE
CA

ZIP
91326

SEX MALE	RACE CAUCASIAN	DOB 1/11/1975	AGE 43	HGT 72 in.	WGT 222 lbs.	EYES BROWN	HAIR BROWN	TEETH ALL NATURAL TEETH	FACIAL HAIR NONE	ID VIEW Yes	CONDITION FAIR
-------------	-------------------	------------------	-----------	---------------	-----------------	---------------	---------------	-------------------------------	---------------------	----------------	-------------------

MARK TYPE MARK LOCATION MARK DESCRIPTION

NOV ADDRESS CITY STATE ZIP

RELATIONSHIP
WIFE

PHONE

NOTIFIED BY
MARLEEN NAVARRO

DATE
12/27/2018

TIME
20:05

SSN
DL ID
CS387487

STATE
CA

PENDING BY

ID METHOD
CALIFORNIA DRIVER'S LICENSE

LA # MAIN # CII # FBI # MILITARY # POB

IDENTIFIED BY NAME (PRINT)
COMPARISON TO CALPHOTO

RELATIONSHIP

PHONE

DATE
12/27/2018

TIME
19:51

PLACE OF DEATH / PLACE FOUND
HOSPITAL

ADDRESS OR LOCATION
1409 WILSON TERRACE

CITY
GLENDALE

ZIP
91206

GLENDALE ADVENTIST MED CTR

PLACE OF INJURY
DAYS INN

AT WORK
No

DATE

TIME

LOCATION OR ADDRESS
450 PIONEER DRIVE #608, GLENDALE, CA

ZIP
91203

DOD
12/27/2018

TIME
14:06

FOUND OR PRONOUNCED BY
DR. PARANJPE

OTHER AGENCY INV. OFFICER
GLENDALE P.D. - DET. KMBIKYAN #17731

PHONE
(818) 548-3987

REPORT NO.
18-19025

NOTIFIED BY

NO

TRANSPORTED BY
MICHELLE SIERRA

TO
LOS ANGELES FSC

DATE
12/27/2018

TIME
19:47

FINGERPRINTS?	Yes	CLOTHING	Yes	PARPT	No	MORTUARY	
MED. EV.	No	INVEST. PHOTO #	41	SEAL TYPE		HOSP RPT	Yes
PHYS. EV.	Yes	EVIDENCE LOG	Yes	PROPERTY?	No	HOSP CHART	Yes
SUICIDE NOTE	No	GSR NO		RCPT. NO.	307822	PF NO.	101-479-10

SYNOPSIS
THE DECEDENT CHECKED IN TO THIS HOTEL SHORTLY BEFORE NOON. AROUND 1230 HOURS A MALE HE MET ON A DATING APP ARRIVED TO THE ROOM FOR A SCHEDULED SEXUAL INTERACTION. THE DECEDENT REPORTEDLY INSERTED TWO "ROCKS" OF CRYSTAL METH THROUGH HIS RECTUM AND INHALED "POPPERS" THROUGH A FILTRATION MASK BEFORE CONTINUING THE ENCOUNTER. DURING THE ACT, THE DECEDENT VOMITTED WHILE WEARING THE MASK AND BECAME UNRESPONSIVE. 911 WAS CALLED AND THE DECEDENT WAS TRANSPORTED TO THE HOSPITAL WHERE HE WAS PRONOUNCED DEAD IN THE EMERGENCY ROOM. ACCORDING TO HIS WIFE, THE DECEDENT WAS NOT SUSPECTED OF BEING A HABITUAL USER OF ANY ILLICIT DRUGS NOR WAS HE AN ALCOHOLIC. GLASS PIPES WITH DARK RESIDUE AND GHB WERE AMONG THE DRUG PARAPHERNALIA FOUND IN THE ROOM. THERE IS NO SUSPICION OF FOUL PLAY AT THIS TIME. THE DECEDENT'S MALE COMPANION WAS COOPERATIVE WITH POLICE.

MARLEEN NAVARRO
604249

INVESTIGATOR

DATE
12/28/2018

TIME
00:35

REVIEWED BY

DATE
12/28/18

TIME
0234HRS

FORM #3 NARRATIVE TO FOLLOW? ☐



County of Los Angeles, Department of Coroner
Investigator's Narrative



Case Number: 2018-09806

Decedent: BURROUS, CHRISTOPHER ROCKY

Information Sources:

Detective Kmbikyan #17731: Glendale Police Department, 818-548-3987

[REDACTED] Wife, [REDACTED]

Medical record: Glendale Adventist Medical Center, 1409 Wilson Terrace, Glendale, CA 91206,
medical record [REDACTED]

Investigation:

This death was reported to our office on 12/27/2018 at 1430 hours by hospital personnel. It was reported the decedent met with a male friend at a local motel for an apparent "tryst". The decedent was apparently engaged in anal intercourse with a bondage apparatus; a mask that contained amyl nitrate. A substance believed to be methamphetamine was simultaneously inserted in the decedent's rectum. 911 was called and the decedent was transported to the ER where he died.

The decedent was transported from the hospital to the Forensic Science Center by Forensic Attendants Sierra and Garcia on 12/27/2018 at 1947 hours.

I received this case for investigation on 12/27/2018.

Fingerprint return found no record.

Location:

Place of injury: Days Inn, 450 Pioneer Drive #608, Glendale, CA 91203

Place of death: Glendale Adventist Medical Center, 1409 Wilson Terrace, Glendale, CA 91206

Informant/Witness Statements:

Detective Kmbikyan gave me the following information: The investigation into this incident is ongoing and information is subject to change. The decedent checked in to this room in person and alone. He met his male companion through a dating site, Grindr, and set up this meeting; reportedly the decedent and this companion had met up four previous times. The companion arrived to the room at 1230 hours, knocked, and was let in to the room by the decedent who was described as being nude. His companion described the room as being set up with lighting, S&M toys, lubrication jelly, and a massage bench. The decedent and his companion reportedly engaged in various forms of sexual activities including anal sex and oral sex. The decedent then inserted a "rock" of crystal meth in his anus and stated it was supposed to make him "high and loose". The decedent then gave his companion a syringe full of GHB in a bottle of Gatorade. The decedent and his companion continued with their sexual activities and the decedent then inserted a second "rock" of crystal meth in his anus. The companion described inserting his hand into the decedent's anus, before the decedent decided to also put on a mask. The mask had two cloth filters on the side and a rubber portion that completely covered the nose and mouth. The decedent poured "poppers" on the cloth filters and placed the mask on his face. The decedent positioned himself face down into a pillow, while his companion continued to insert his hand into his anus. The companion said he checked with the decedent numerous times to make sure he was ok; each time the decedent stated he was until the last time when he only made a grunting noise. The companion turned the decedent over and noticed he had vomited into the mask. He searched the internet for an overdose hotline and called; he was advised to call 911. The companion performed CPR on the bed prior to paramedic arrival. Once paramedics arrived, the decedent was transported to the hospital. He died in the emergency room. The decedent's companion was cooperative with the police; he told them he was unaware the decedent was a news anchor. He reportedly met the decedent six months ago on Grindr. The decedent had

[Handwritten signature]



County of Los Angeles, Department of Coroner Investigator's Narrative



Case Number: 2018-09806

Decedent: BURROUS, CHRISTOPHER ROCKY

consumed crystal meth in front of him during their past encounters, but had never used the mask before. He stated he did not smoke methamphetamine with the decedent.

██████████ gave me the following information: The decedent does not have a history of drug abuse or alcoholism. When told about some of his activities, she stated he possibly only used drugs recreationally. She was not suspicious of him being an addict nor did he exhibit behavior of being a habitual drug user. The decedent went to work today (12/27) and was supposed to go to a work meeting at noon. He told her he was going; once she realized he was missing she contacted his employer and was told by co-workers that he left the meeting, stating he was feeling ill. She thought it was odd that he would've skipped the meeting as it was important for his career. She last spoke to him at noon. When told briefly about the decedent's activities, she stated he used to "go to clubs" in his past, but stated he was not interested in that anymore. She said he did have a history of risk taking behavior. He lost a significant amount of weight in the last year and was not on any medication. There is no medical history.

The medical record had the following information: The decedent was admitted to the hospital at 1355 hours after being brought in by ambulance. He was brought in in full arrest and with CPR being performed. Ventilation was given through bag-valve-mask before he was intubated at 1359 hours. Despite administration of medication and continuous CPR, the decedent was pronounced dead in the ER; by Dr. Paranjpe at 1406 hours.

Scene Description:

No scene investigation by Coroner personnel. Hospital death.

Detective Kmbikyan gave me a CD with photos from the scene; the scene is described as follows: The room number is shown as 608. A plastic bin with a lid, handle, and presumably on wheels is seen in the room, along with a cooler, another compartmentalized cloth container/bag, and a bench with arm and leg rests and a face cradle cushion. The bench appeared to have shiny residue on the body portion. A speaker, compact DJ style lighting, multiple jars of lubrication jelly, electrical tape, a knit ski mask, and various sex toys were seen scattered around the room. Glass pipes with brown residue, bottles labeled "Amsterdam" described as poppers, a white plastic bottle described as containing GHB, a lighter, and a syringe were seen around the room. A pillow with brown residue was seen on the floor.

Evidence:

I collected a filtration mask and metallic sex toy that arrived to the Forensic Science Center with the decedent. Glendale Police Department collected drug paraphernalia from the scene.

Body Examination:

The body exam was performed at the Forensic Science Center. He is a male Caucasian adult with brown eyes, brown hair, and apparent natural teeth. There were coroner and hospital ID tags on his left foot and right wrist. There was an airway tube, an IV in his right arm, an IO catheter in his left lower leg, and a defibrillator pad on his back. There was a linear scar underneath his chin. There was a small round abrasion on his left forehead. There appeared to be clear residue dried on his torso and left upper leg and residue between his buttocks. Rigor mortis was 4. Lividity blanched with light pressure.

Identification:

The decedent was positively identified by visual comparison to his CalPhoto for California driver's license, C5387487, as Christopher Rocky Burrous, date of birth: 01/11/1975.

Am



County of Los Angeles, Department of Coroner
Investigator's Narrative



Case Number: 2018-09806

Decedent: BURROUS, CHRISTOPHER ROCKY

Next of Kin Notification:

I notified the decedent's wife, [REDACTED] in person, and she confirmed they are legally married.

Tissue Donation:

Not addressed.

Autopsy Notification:

Please call Detective Kmbikyan after autopsy to discuss findings; see case notes for private contact information.

MARLEEN NAVARRO

SUPERVISOR

12/28/2018

Date of Report