



Office of Hamilton County Medical Examiner Southeast Tennessee Regional Forensic Center

3202 Amnicola Hwy · Chattanooga TN 37406 · P 423-209-5700 · F 423-493-5176

Demographic Information

Case number: 240318-252	Address 1: 8935 Grey Mountain Drive
Death County: Hamilton	Address 2:
Last name: Davenport	City: Ooltewah
First name: Matthew	State: Tennessee
Middle name: Martin	County: Hamilton
Suffix:	Zip: 37363
Race: White	Funeral name: Cremation Center of Chattanooga
Sex: Male	Funeral phone: 423-362-5999
Age: 27 years 10 months 25 days	
Date of birth: 04/22/1996	

Background Information

Investigator notified: 2024-03-18 06:27	Date LKA:
Notified by: Kaitlyn Cook, RN, Memorial ER	Time LKA:
Facility: Southeast TN RFC (Chattanooga)	Found dead:
Authorized by: Patrice Schermerhorn	911 call received: 2024-03-18 05:36
ETA at Facility/FH: 2024-03-18 08:50	Date of death: 03/18/2024 On
Scene investigated ME: No	Time of death: 06:18
Scene investigated by LE: Yes	Pronounced: 03/18/2024 06:18
Officer: Zachary Crawford #907	Scene arrival:
Agency: Chattanooga Police Department	Scene departure:
Incident #: 24-024074	

Narrative Summary of Circumstances Surrounding Death

On 03/18/2024 at 0627 hours, Kaitlyn Cook, RN, notified HCME investigator of a death that occurred in the ER at Memorial Hospital.

Decedent was found unresponsive this morning at a halfway house (2707 North Chamberlain Avenue, Chattanooga, TN) for alcohol abuse by his roommate, Kelly Messimer, when decedent's alarm went off and decedent did not get up. Unknown last time seen alive. HC911 was initiated at 0536 hours and CPR was initiated by roommate and narcan was also given. HCEMS Medic 14 responded to the scene and performed CPR with ACLS protocols throughout transport. Decedent arrived at the ER at 0609 hours and CPR with ACLS protocols were continued without success and decedent was pronounced at 0618 hours by Dr. Sohaib Amjad. There were no visible signs of trauma noted. Medical Hx: ETOH abuse, pancreatitis, Anxiety. AKA Lettosome Kettle. No admit blood was drawn.

HCME investigator spoke to CPD Officer Christopher Gross #748. Gross responded to the scene initially.

Gross advised that the residents of the halfway house advised that they had never seen the decedent do any narcotics and Gross advised that he did not witness and drug paraphernalia on scene. Gross advised that there was a prescription bottle (Buspirone) was located on scene that had been filled on 03/11/2024 but appeared to have been taken properly. Gross noted that neither CPD Narcotics nor Major Crimes had been notified of the death.

At 0651 hours, HCME Investigator notified CPD Major Crimes Detective Zachary Crawford of the death. CPD Case # 24-024074. CPD Kristen Booker will be CSU.

HCME investigator spoke to decedent's mother, Karen Davenport, and she advised that to her knowledge, decedent does not have a medical history of drug abuse. The mother did note that decedent has had several issues with aspiration related to ETOH abuse. (See medical records Erlanger ER visit October 2023). Decedent's mother advised that she had dinner with decedent last night and everything appeared normal. She noted that when he left dinner, he was supposed to go to Ringgold, GA to pick up a computer.

HCME to complete the death certificate. Decedent was transported to HCRFC by Calvary Funeral Services.

HCME investigator reported death to CPD Narcotics Detective Rodney Proffitt as well.

Cause and Manner of Death

Cause of death: Diphenhydramine, Mitragynine,
Duloxetine, and Buspirone
intoxication

Manner of death: Accident

I hereby declare that after receiving notice of death described herein, I conducted an investigation regarding the cause of death in accordance with Section 38-7-109 Tennessee Code Annotated and that the information contained herein regarding such death is true and correct to the best of my knowledge and belief.

MDI:

Signature of Medical Examiner:



Steven C Cogswell, M.D.

Date signed:06/15/2024

Autopsy Report page 1



Name: Davenport, Matthew Martin
Address: 8935 Grey Mountain Drive
Ooltewah, TN 37363

Case: 240318-252
DOB: 04/22/1996
Race: White
Sex: Male
Age: 27 years

Date of Death: On 03/18/2024
Time of Death: 06:18
Date of Exam: 03/18/2024
Time of Exam: 14:30
Investigator: Patrice Schermerhorn
Pathologist: Steven C Cogswell
Police Agency: Chattanooga Police Department

Postmortem Examination

Electronically Signed by **Steven C Cogswell** Chief Medical Examiner on 04/12/2024 at 17:14

A handwritten signature in black ink, appearing to read "Steven C Cogswell".



NMS Labs

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

Toxicology Report

Report Issued 04/06/2024 15:01

Patient Name Davenport, Matthew M
Patient ID 240318-252
Chain 240318-252
DOB 04/22/1996
Sex Male
Workorder 24116653

To: 147407
Hamilton County Medical Examiner
3202 Amnicola Hwy

Chattanooga, TN 37406

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Positive Findings:

Table with 4 columns: Analyte, Result, Units, Matrix Source. Rows include Caffeine, Cotinine, Naloxone, Nicotine, Duloxetine, Diphenhydramine, Buspirone, and Mitragynine.

See Detailed Findings section for additional information

Agency Case Number: 240318-252

Testing Requested:

Table with 2 columns: Test, Test Name. Row: 8052B, Postmortem, Expanded, Blood (Forensic)

Specimens Received:

Table with 5 columns: ID, Tube/Container, Volume/Mass, Collection Date/Time, Matrix Source, Labeled As. Rows: 001 Gray Stopper Glass Tube, 002 Gray Stopper Glass Tube

All sample volumes/weights are approximations.
Specimens received on 03/20/2024.



Detailed Findings:

Analysis and Comments	Result	Units	Rpt. Limit	Specimen Source	Analysis By
Caffeine This test is an unconfirmed screen. Confirmation by a more definitive technique such as GC/MS is recommended.	Presump Pos	mcg/mL	0.20	001 - Subclavian Blood	LC/TOF-MS
Cotinine This test is an unconfirmed screen. Confirmation by a more definitive technique such as GC/MS is recommended.	Presump Pos	ng/mL	200	001 - Subclavian Blood	LC/TOF-MS
Naloxone This test is an unconfirmed screen. Confirmation by a more definitive technique such as GC/MS is recommended.	Presump Pos	ng/mL	1.0	001 - Subclavian Blood	LC/TOF-MS
Nicotine This test is an unconfirmed screen. Confirmation by a more definitive technique such as GC/MS is recommended.	Presump Pos	ng/mL	100	001 - Subclavian Blood	LC/TOF-MS
Duloxetine	320	ng/mL	30	001 - Subclavian Blood	LC-MS/MS
Diphenhydramine	3000	ng/mL	50	001 - Subclavian Blood	LC-MS/MS
Buspirone	100	ng/mL	0.50	001 - Subclavian Blood	LC-MS/MS
Mitragynine	810	ng/mL	50	001 - Subclavian Blood	LC-MS/MS

Other than the above findings, examination of the specimen(s) submitted did not reveal any positive findings of toxicological significance by procedures outlined in the accompanying Analysis Summary.

Sample Comments:

001 Physician/Pathologist Name: Steven C Cogswell

Unless alternate arrangements are made by you, the remainder of the submitted specimens will be discarded one (1) year from the date of this report; and generated data will be discarded five (5) years from the date the analyses were performed.

Workorder 24116653 was electronically signed on 04/06/2024 14:30 by:

Nicholas P. Laraia, MSFS
Forensic Toxicologist

Analysis Summary and Reporting Limits:

All of the following tests were performed for this case. For each test, the compounds listed were included in the scope. The Reporting Limit listed for each compound represents the lowest concentration of the compound that will be reported as being positive. If the compound is listed as None Detected, it is not present above the Reporting Limit. Please refer to the Positive Findings section of the report for those compounds that were identified as being present.

Test 52036B - Duloxetine Confirmation, Blood - Subclavian Blood

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:

Analyte	Rpt. Limit	Analyte	Rpt. Limit
Duloxetine	30 ng/mL		

Test 52441B - Diphenhydramine Confirmation, Blood - Subclavian Blood

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:



Analysis Summary and Reporting Limits:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Diphenhydramine	50 ng/mL		

Test 52444B - Buspirone Confirmation, Blood - Subclavian Blood

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Buspirone	0.50 ng/mL		

Test 52495B - Mitragynine Confirmation, Blood - Subclavian Blood

-Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Mitragynine	50 ng/mL		

Test 8052B - Postmortem, Expanded, Blood (Forensic) - Subclavian Blood

-Analysis by Enzyme-Linked Immunosorbent Assay (ELISA) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Barbiturates	0.040 mcg/mL	Gabapentin	5.0 mcg/mL
Cannabinoids	10 ng/mL	Salicylates	120 mcg/mL

-Analysis by Headspace Gas Chromatography (GC) for:

<u>Analyte</u>	<u>Rpt. Limit</u>	<u>Analyte</u>	<u>Rpt. Limit</u>
Acetone	5.0 mg/dL	Isopropanol	5.0 mg/dL
Ethanol	10 mg/dL	Methanol	10 mg/dL

-Analysis by High Performance Liquid Chromatography/Time of Flight-Mass Spectrometry (LC/TOF-MS) for: The following is a general list of analyte classes included in this screen. The detection of any specific analyte is concentration-dependent. Note, not all known analytes in each specified analyte class are included. Some specific analytes outside of these classes are also included. For a detailed list of all analytes and reporting limits, please contact NMS Labs. Amphetamines, Anticonvulsants, Antidepressants, Antihistamines, Antipsychotics, Benzodiazepines, CNS Stimulants, Cocaine and Metabolites, Hallucinogens, Hypnosedatives, Muscle Relaxants, Non-Steroidal Anti-Inflammatory Agents, Opiates and Opioids.