

DISTRICT TWELVE MEDICAL EXAMINER

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MEDICAL EXAMINER REPORT

CASE # 26-00309

DECEDENT	TIMOTHY KEITH COOK	COUNTY	MANATEE
	First, Middle, Last	DOD	02/02/2026
EXAMINATION	Date: 02/04/26 Time: 9:30 AM Place: MMEF	AGE	34
MEDICAL EXAMINER	WILSON A. BROUSSARD, JR., M.D.	RACE	WHITE
INVESTIGATOR	ADRIANNE WALLS	SEX	MALE

REPORT OF AUTOPSY

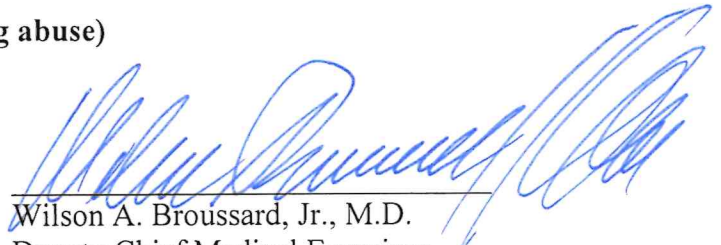
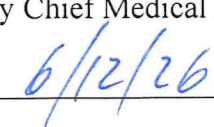
SUMMARY OF AUTOPSY FINDINGS AND OPINIONS:

- I. Atraumatic, 34-Year-Old White Male
 - A. Acute bilateral pulmonary edema and congestion
 - B. Minimal coronary artery disease
 - C. Anamnestic history of possible Kratom abuse
 - D. Morbid obesity
 - E. Detection of toxic levels of mitragynine (Kratom) in postmortem blood
 - F. Nontoxic levels of amphetamine and dextromethorphan (prescription and OTC)

TOXICOLOGY: Please refer to the separate, attached toxicology report.

CAUSE OF DEATH: Intoxication with Mitragynine (Kratom)

MANNER OF DEATH: Accident (Illicit drug abuse)


Wilson A. Broussard, Jr., M.D.
Deputy Chief Medical Examiner

Date

WAB:dl
02/17/26

GENERAL DESCRIPTION:

The body is that of a 73-inch, 343-pound, adequately developed, obese white male appearing consistent with the recorded age of 34 years. Identification is attached to the secure body bag. Rigor mortis is easily breakable, and livor mortis is fixed on the posterior aspects of the body. Tattoos noted include a tribal-type tattoo on the right anterior forearm. On the left lateral forearm are the words "Viva La Tua Vita." In addition a small cross tattoo is on the dorsal aspect of the right wrist and a mustache is tattooed on the right third finger. Skin condition is generally normal for age. Some old healing small sores are noted on the upper back, left cheek and near the right shoulder. A small scar is on the right cheek. A faint scar is noted on the right lower abdominal quadrant. Striae distensae scars are noted on the protuberant abdomen.

EVIDENCE OF MEDICAL INTERVENTION:

An endotracheal tube is correctly positioned in the mid trachea. An intraosseous line is noted at the left shoulder. Multiple electrocardiogram patches are noted over the chest wall, as are defibrillator pads. A blood pressure cuff is on the right arm. An IV is noted at the right antecubital fossa. An intraosseous line is noted at the right knee, and an EKG pad is noted on the left lower leg. A pulse oximeter tab is noted on the left index fingertip.

EXTERNAL EXAMINATION:

The scalp is atraumatic and covered by a 1/2-inch crop of fully distributed brown hair. The irides are brown. The pupils are equal at 2.0 mm. The conjunctivae disclose modest congestion without petechiae. The mouth is edentulous. The lips, frenula, gums, tongue, buccal and nasal mucosa are atraumatic. A short facial scruff is noted in the beard distribution. The neck, chest, breasts, abdomen, and back are symmetric. The abdomen is protuberant. The genitalia are atraumatic and those of a circumcised adult male. The upper and lower extremities are symmetric.

EVIDENCE OF INJURY:

None.

INTERNAL EXAMINATION:

Body Cavities: The serosal surfaces are pink-tan and glistening. The organs are normally oriented. The gallbladder and appendix are identified in normal anatomic position.

Cardiovascular: The heart weighs 690 grams and has a normal amount of subepicardial fat for age. The coronary arterial system is normally distributed, and serial sectioning at 2-mm intervals reveals scattered foci of non-calcified atheromatous stenosis ranging from 20-30% in the four

major coronary arteries and/or their distal branches. The sectioned myocardium is homogeneous and brown-tan without fibrosis or hemorrhage. The cardiac valves, mural endocardium, and coronary orifices disclose no lesions. The thoracic and abdominal aortae have minimal atheromatous change.

Respiratory: The right and left lungs weigh 840 and 720 grams, respectively. The pleural surfaces are pink-tan to blue-purple and glistening. The sectioned lungs disclose exuberant edema and congestion. No masses, thromboemboli, or purulent inflammatory processes are noted.

Neck Organs: The larynx, trachea, and mainstem bronchi are all unremarkable externally and along the mucosal surfaces. The hyoid bone and thyroid cartilage are intact. The anterior neck musculature is without trauma.

Gastrointestinal: The esophagus, stomach, small and large intestines are all unremarkable externally. The stomach contains 200 ml of yellow to slightly yellow-greenish mucofluid with multiple starchy whitish fragments up to 0.9 cm in greatest dimensions. No pills, foreign bodies, or unusual odors are noted.

Liver: The liver weighs 2960 grams and has a smooth, intact capsule. The sectioned liver is homogeneous and brown-tan without cirrhotic change or focal lesions. The intrahepatic biliary tract is unremarkable and leads to a gallbladder containing 10 ml of viscous, green-brown bile without stones.

Lymphatic System: No lymphadenopathy is noted. The spleen weighs 350 grams and has a smooth, intact, blue-gray capsule. The sectioned spleen is homogeneous and maroon-red.

Genitourinary: The right and left kidneys weigh 240 and 290 grams, respectively. The cortical surfaces disclose fetal lobulations and are smooth and red-brown. Otherwise, the sectioned kidneys disclose good corticomedullary demarcation. The ureters are unremarkable and lead to a urinary bladder distended with up to 300 ml of yellow-tinged urine. The testicles and prostate gland disclose no lesions upon sectioning.

Endocrine: The pituitary, pancreas, thyroid, and adrenal glands are all unremarkable externally and upon sectioning.

Musculoskeletal: No acute or chronic organic lesions are noted.

Brain: Reflecting the scalp fails to disclose galeal or subgaleal contusions. The 1600-gram brain is normally formed externally and covered by clear, glistening leptomeninges without exudate. The serially sectioned brain discloses a normal distribution of gray and white matter. The ventricles are not compressed nor dilated. The vessels at the base of the brain are thin, delicate, and widely patent. Stripping the dura from the skull and calvarium fails to disclose fractures or other abnormalities.

Specimens: Blood, urine, vitreous humor, bile, gastric contents, and liver samples are retained. Comprehensive toxicology studies are ordered on blood and urine. Representative microscopic sections are submitted.

Images: Multiple digital images are taken.

WAB:dl
02/17/26

MICROSCOPIC FINDINGS:

Heart: Generalize myocyte hypertrophy.

Lungs: Acute edema and vascular congestion.

Liver: Moderate steatosis with incomplete bridging fibrosis and mild triaditis.

Kidneys: No histopathology.

Brain: No histopathology.

WAB:wab
6/12/2026



DISTRICT 12
MEDICAL EXAMINER OFFICE

TOXICOLOGY TESTING RESULTS

Decedent's Information: Case #: 26-00309

Name: Cook, Timothy K.

Race: White

Gender: Male

Age: 34 Years 6
Months 28 Days

Specimen collected and submitted by: Broussard, M.D., Wilson A

University of Florida Toxicology			1200 Southwest 34th Street Gainesville, Florida, 32607 Tel:	
Test	Specimen	Substance	Result	Date
Comprehensive Drug Screen	Peripheral-Blood	Amphetamine	Positive Quantified_0.15_mg/L	03/30/2026
Comprehensive Drug Screen	Peripheral-Blood	Chlorpheniramine	Positive (trace)	03/30/2026
Comprehensive Drug Screen	Peripheral-Blood	Dextromethorphan	Positive Quantified_0.74_mg/L	03/30/2026
Comprehensive Drug Screen	Peripheral-Blood	Doxylamine	Positive (trace)	03/30/2026
Comprehensive Drug Screen	Urine	Acetaminophen	Positive	03/30/2026
Comprehensive Drug Screen	Urine	Amphetamine	Positive	03/30/2026
Comprehensive Drug Screen	Urine	Chlorpheniramine	Positive	03/30/2026
Comprehensive Drug Screen	Urine	Dextromethorphan	Positive	03/30/2026
Comprehensive Drug Screen	Urine	Doxylamine	Positive	03/30/2026
Comprehensive Drug Screen	Urine	Mitragynine	Positive	03/30/2026
Comments: Tentative ID by GC-MS.				
Drug Identification/Quantitation	Peripheral-Blood	Mitragynine	Positive Quantified_170_ng/mL	03/30/2026
Comments: The University of Florida utilized NMS as a reference laboratory for this test.				
Volatiles	Peripheral-Blood	NA	None Detected	03/30/2026
Volatiles	Urine	NA	None Detected	03/30/2026



**DISTRICT 12
MEDICAL EXAMINER OFFICE**

ANCILLARY TESTING RESULTS

Decedent's Information:

Case #: 26-00309

Race: White

Decedent's Name: Cook, Timothy K.

Gender: Male

Age: 34 Years 6 Months 28 Days

Specimen collected and submitted by: Broussard, M.D., Wilson A

Sarasota Memorial Hospital Clinical Laboratory

(941) 917-1350

Test	Specimen	Analyte	Result	UoM	Date	Comments
Vitreous Electrolytes	Vitreous-Fluid	Glucose	Positive Quantified 14	mg/dL	02/11/2026	
Vitreous Electrolytes	Vitreous-Fluid	Sodium	Positive Quantified 155	mmol/L	02/11/2026	
Vitreous Electrolytes	Vitreous-Fluid	Potassium	Positive, > 10.0	mmol/L	02/11/2026	
Vitreous Electrolytes	Vitreous-Fluid	Chloride	Positive Quantified 125	mmol/L	02/11/2026	
Vitreous Electrolytes	Vitreous-Fluid	Urea Nitrogen	Positive Quantified 18	mg/dL	02/11/2026	
Vitreous Electrolytes	Vitreous-Fluid	Creatinine	Positive Quantified 0.53	mg/dL	02/11/2026	