



Miami-Dade County
Medical Examiner Department
Number One on Bob Hope Road
Miami, FL 33136
Phone (305) 545-2400 Fax (305) 545-2418



INVESTIGATIONS REPORT

DAVIS, Carsyn Leigh

ME Case #: 2020-03053

06/21/2003

17 Years

White

Female

Date: 06/23/2020

Type: Telephone

Place of Death: Nicklaus Children's Hospital

Date/Time of Death: 06/23/2020 1:06PM

Investigating Agency:

Agency Contact Person:

Agency Case Number:

Incident Location:

Incident Date/Time:

Scene Dr.:

TERMINAL EVENT: 17 year old female with a complex medical history including opsoclonus myoclonus syndrome (resolved at 5 years of age), hypothalamic-pituitary axis dysfunction, precocious puberty, morbid obesity who present with respiratory failure. The decedent's mother and father are a nurse and physician's assistant, respectively. On June 10, the decedent attended a church function with 100 other children. She did not wear a mask. Social distancing was not followed. The parents prophylactically treated her with azithromycin (6/10-6/15). On June 13, she developed frontal headache, sinus pressure, mild cough. The family thought her symptoms were due to a sinus infection. The symptoms persisted. On June 19, the mother noted she looked "gray" while sleeping. She tested the decedent's O2 saturation and it was in the 40s. The mother borrowed the decedent's grandfather's home oxygen (he has COPD) and her O2 saturation rose to the 60s on 5L. The parents gave her a dose of hydroxychloroquine. The parents took her to Gulf Coast Medical Center and she was transferred to Golisano Hospital PICU. On June 19, 2020, she was found to be positive for SARS-CoV-2. Her LFTs were significantly elevated. The parents declined intubation. The decedent received convalescent plasma therapy on June 20 and 21st. On June 22, 2020 the decedent's condition had not improved and intubation was required. The decedent was intubated. Her cardiorespiratory status continued to decline. On June 22, 2020, despite aggressive therapy and maneuvers, her best O2 saturation was low 70s. The mother requested heroic efforts despite knowing she had low chance of meaningful survival. Preparations were made to perform ECMO on the decedent.

The decedent was transferred from Golisano Hospital to the Nicklaus Children's Hospital for ECMO. She was transported without incident directly to the cath lab at Nicklaus Children's for ECMO cannulation. After cannulation she required escalation of inotropic support and vasopressor support. She was transferred to the PICU after the procedure and continued to deteriorate requiring increasing doses of pressors. Chest X-ray was performed and showed severe bilateral infiltrates and subcutaneous emphysema. She developed worsening distributive shock and multiorgan failure. She was to undergo dialysis and plasmapheresis however due to rapid deterioration and inability to bring up oxygen saturation, these interventions were unable to be performed. Echocardiogram was performed and showed no cardiac function, pupils were 5 mm and fixed. She was pronounced dead on 6/23/2020 at 1306.

Cause of Death: Complications of COVID-19 (SARS-CoV-2) Pneumonia

Due To:

Due To:

Due To:

Contributory Cause: Hypothalamic-Pituitary Axis Dysfunction, Morbid Obesity, Bronchial Asthma

Manner: Natural

Record Review

06/23/2020

Doctor: Mathis, Benjamin M.D.

Mortuary: BALDWIN BROTHERS

Investigator: Rolle, Barbara

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07/06/2020

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MEDICATIONS: None

IDENTIFICATION: Method:

By:

Relationship:

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