



Emergency Medical Services *Partners*

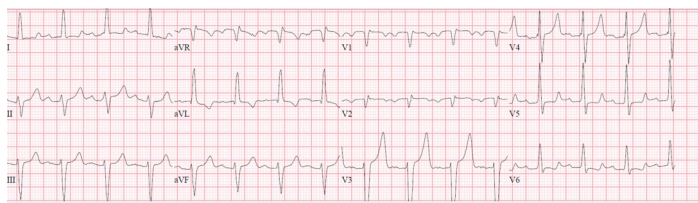
May 2022, Issue 132

health.uconn.edu/ems

Cardiac Arrest Save



UConn Health Firefighter/Paramedic Nicole Butler and Firefighter/EMT Jonathan Raiola responded on campus for a patient with difficulty breathing in their car. They placed the patient in the ambulance and the patient went into cardiac arrest. The crew, assisted by UCPD Sergeant Jacqueline Twiss and Sergeant Nicholas Catania, performed CPR and transported the patient to the **UConn JDH Emergency Department**. The patient regained pulses in the ED and was discharged home with full neurological function eleven days later after receiving treatment for ESRD and cardiac disease. Great job all!



UConn Stroke Conference—June 9, 2022

UConn will once again be hosting our annual Emergency Care Stroke Conference. The date will be Thursday, June 9, 2022. It is a free academic

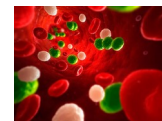


conference with up to 8 Hours CME for EMS. The conference will be offered virtually to all outside attendees. Topics include: The Perfect EMS LVO Stroke Scale/EMS Stroke Care: The First Hour, Stroke Mimics, Tenecteplase vs. Alteplase, Management of Stroke: Lessons Learnt in the Skull Base, Cerebrovascular Microsurgery & Endovascular Era, Acute Stroke Imaging & CT Perfusion, Neuroprotection in the Reperfusion Era and Diagnosing and Treating Patients with Posterior Circulation Strokes.

Stay tuned for registration instructions.

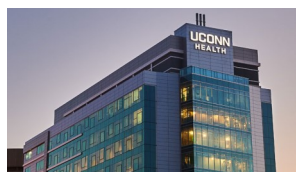
Sepsis

Sepsis is a systemic inflammatory response due to infection, often resulting in significant morbidity and mortality. Severe septic shock must be treated aggressively. Initiate up to two large-bore IVs. Rapidly administer normal saline or Lactated Ringers to maintain systolic blood pressure >90 mmHg OR MAP >65 mmHg in 500 mL boluses. Total volume should not exceed 4,000 mL. Please **document** the amount and rate of fluid given in your PCR as well as relaying that information to the ED staff on turnover.



**American Heart Association
ACCREDITATION**
Meets standards for
Heart Attack Receiving Center

**Mission:
Lifeline®**



**PRIMARY STROKE
CENTER CERTIFICATION**

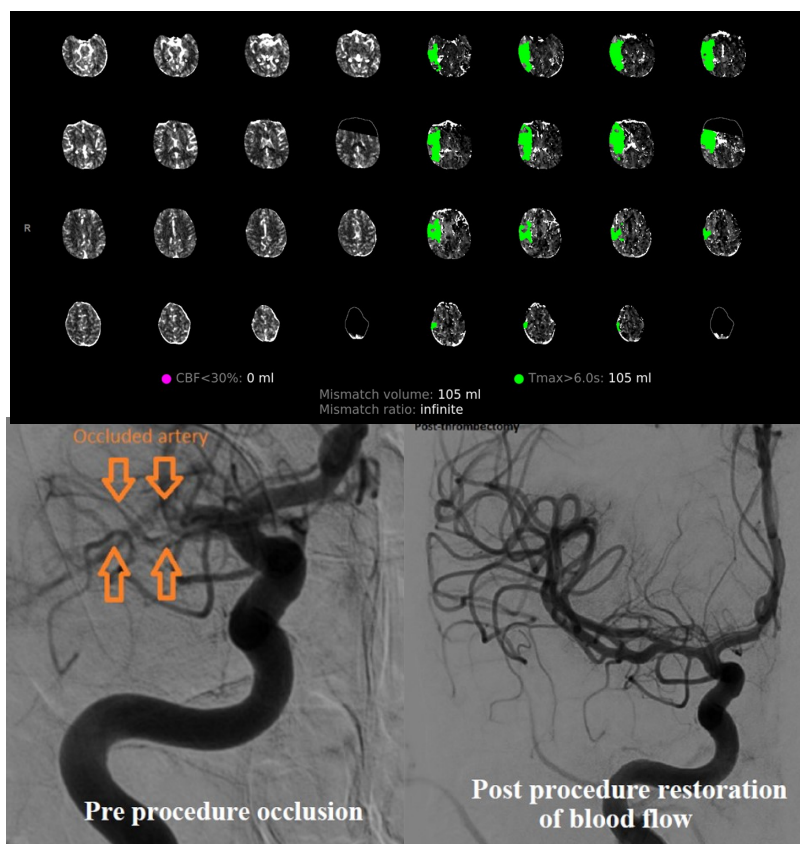


American Heart Association
CERTIFICATION
Quality Standard for
Primary Stroke Center

Thrombectomy NIH 16—>4!

Granby EMS

paramedic Alan Sklar and his partner Richard Bergen responded for a female who had fallen out of bed during the night and who was now unable to move her left arm, along with having facial droop and slurred speech. The EMS crew called in a prehospital **STROKE ALERT** to **UConn John Dempsey Hospital**. The patient went directly to CT. The patient had a last known well of the night prior and was out of the TPA window. Advanced imaging showed right MCA M1 segment occlusion & Cerebral Perfusion Study showed appropriate mismatch (brain at risk still able to be saved). The patient was then taken to the Hybrid OR as a Tier 2 Thrombectomy Alert. Dr. Abner Gershon performed a Mechanical Thrombectomy of the right MCA M1 segment clot, and a TICI 3 FULL reperfusion was established. The patient was transferred to the Neuro ICU. The patient did very well and was discharged five days later to a Rehab Facility with her NIHSS down from a 16 on admission to a 4 and should continue to improve with rehab!



Stroke Imaging shows area at risk (Green) providing indication for thrombectomy.

Pre and post thrombectomy images, showing restored blood flow.



EMERGENCY STROKE CARE CONFERENCE

**Need for Speed:
Saving Critical Brain Function**

The most current advances and techniques in endovascular therapy and neurocritical care for the management of stroke and other complex neurological disorders are taught by UConn Health's world-renowned and experienced faculty.

Learn how the multidisciplinary team at UConn Health's Stroke Center provides collaborative and personalized care for complex stroke patients to optimize their outcomes.

The Emergency Stroke Care Conference is free and open to health care providers and first responders involved at any point in acute stroke patient care.

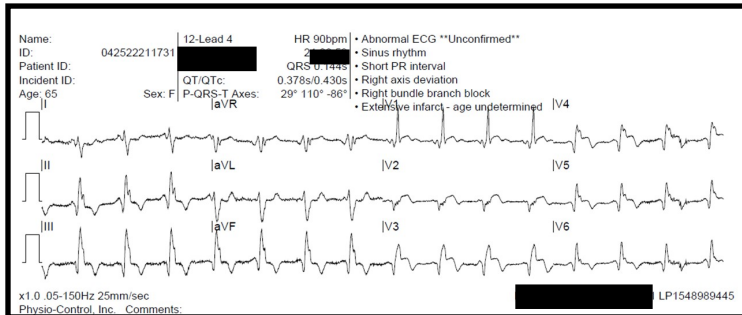
SAVE THE DATE
Thursday, June 9, 2022
8 a.m. – 4 p.m.
h.uconn.edu/stroke2022

Free Academic Conference

Due to the ongoing Covid-19 pandemic, the conference will be offered virtually to outside attendees only. **UConn employees have no restrictions and can attend in-person in the Academic Rotunda.**

EMS STEMI REPORT-RBBB with STEMI/Stent and CABGX2

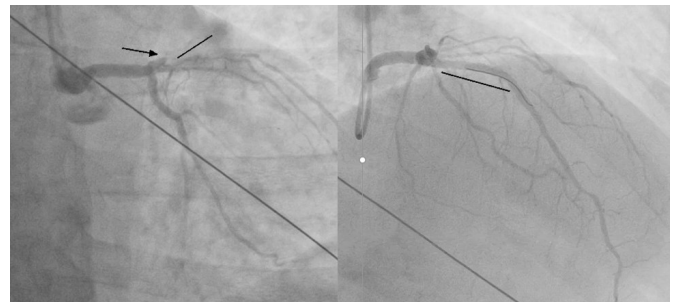
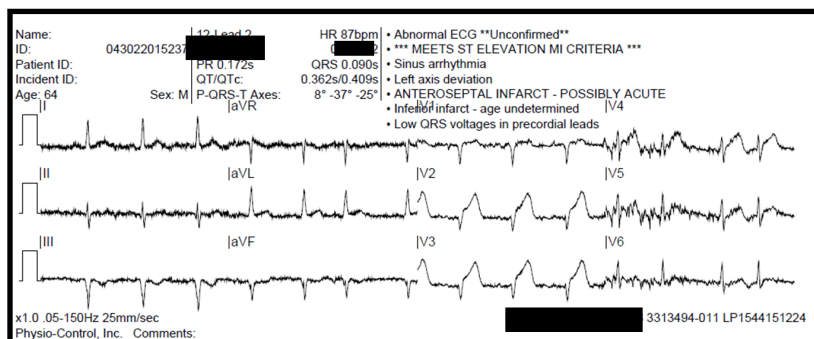
Bristol EMS paramedic Scott LaMarre and his partners Scott Crittenden and Joseph Sinkiewicz responded for a patient with increasing dyspnea and chest pain. They did a 12-lead ECG which revealed a Right Bundle Branch Block (RBBB) with ST elevation in V2-V6. Unlike Left Bundle Branch Block (LBBB), a Right Bundle Branch Block does not obscure ST elevation. The crew called in a **STEMI ALERT** to **UConn John Dempsey Hospital**, which resulted in activation of the cardiac cath lab. In the lab, Dr. Michael Azrin and team found the patient had severe triple vessel disease as well as an occluded LAD (Left Anterior Descending Artery), which was successfully stented and cleared. To further support the patient's blood pressure and intra-aortic balloon pump was placed. The patient later underwent coronary artery bypass graft surgery X 2. The patient is doing well, recovering in the ICU. Great work all!



Imaging showing revascularized Left Anterior Descending Artery (LAD).

EMS STEMI Report-LAD Occlusion

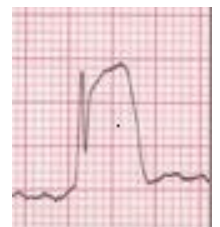
Canton EMS paramedic Tom Latosek and his partners Christopher Livesey and Kendell Bilts responded for a patient with substernal chest pain accompanied by vomiting. Latosek did a 12-lead ECG, which revealed ST elevation in the anterior leads. The crew called a **STEMI ALERT** and transported the patient to **UConn John Dempsey Hospital**, where in the cardiac cath lab, Dr. Immad Sadiq and team found the patient had an occluded Left Anterior Descending Artery (LAD), which was successfully stented and cleared. The patient did well post-procedure. Great job all! **55 Minute Door-to-Balloon/ 86 First-Medical Contact to Balloon.**



Imaging showing revascularized Left Anterior Descending Artery (LAD).

Great Job EMS!

The above are just two of the many recent STEMI's brought into **UConn John Dempsey Hospital** in 2022. To date 94% of the prehospital STEMI's we have received have come with prenotification, many with advance notification in the 20-30 minutes range. Each minute of prenotification, particularly on weekends and nights, can represent a minute of salvaged heart tissue. Cast a wide net in doing 12-Leads. Do a 12-lead at patient contact, when transporting and when arriving at hospital. Call in **STEMI Alerts with Medical Control!** **Remember Early Notification Saves Lives!**





UConn EMS CONTINUING EDUCATION



Stroke Care
Dr. Sanjay Mittal



Pediatric Airway and Strider Emergencies:
Dr. Kathryn Schissler

Case Reviews:
Dr. Richard Kamin
Peter Canning, Paramedic, R.N.

Stroke/STEMI/Trauma Reviews
Peter Canning, Paramedic, R.N
Karl Schmidt, R.N, Trauma Coordinator
Jen Sposito Stroke Coordinator

(3 Hours CME)
For Questions:
email Peter Canning at canning@uchc.edu

ALL EMS RESPONDERS WELCOME
Online Virtual CME-CTOEMS-2022-230

May 18, 2022
8:30-11:30 A.M.
3rd Wednesday!

<https://uconn-cmr.webex.com/uconn-cmr/j.php?MTID=m916b5a3cf93a7d9c98d2570e49cbb29f>



UConn EMS CONTINUING EDUCATION 2022



May 18, 2022



June 15, 2022

September 21, 2022

October 19, 2022

November 16, 2022

December 21, 2022

(3 Hours CME)
CTOEMS-2022-230
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UConn Health JDH EMS Website

For news, educational information, CME schedule and past copies of our newsletter *Partners*, check out our website at:
health.uconn.edu/ems

CONTACT US:

Any questions or suggestions about EMS?
Looking for patient follow-up?



Contact EMS Coordinator Peter Canning at
canning@uchc.edu or call (860) 679-3485.