12 Hours Post Stroke Onset/ Thrombectomy Restores Brain Flow with Positive Results

West Hartford Fire Department Station 2 paramedics Lawrence Irving and Taylor Salva and EMTs Gregory Hill and Brian Antigiovanni, along with American Medical Response EMTs Louis Diaz and Sophia Pierre responded for a patient with weakness, altered mental status and language dysfunction. They called in a prehospital STROKE ALERT. The patient was out of the window for TPA since the last known well was 11 hours earlier, however the CTA/CT perfusion showed a M2 occlusion of the left MCA and significant mismatch ratio (showing that a larger area of the brain was threatened but not yet infarcted), qualifying the patient for mechanical thrombectomy, which restored blood flow to a large area threatened with infarct. After several days in the neuro ICU, the patient has been discharged home, much improved. The combined effort of all led to rapid opening of the blood vessel and gave this patient her best opportunity for a great outcome.

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EMS Lifesavers

Canton EMS paramedic John Bunnell and his EMT partners Tom Malone and Johnathan Gotaski responded for a patient collapsed in a local store. When they arrived officers from Canton police department were performing CPR. Bunnell placed the patient on his cardiac monitor and seeing ventricular fibrillation he defibrillated the patient at 200 joules. The responders continued CPR and on the next rhythm check found the patient in a sinus rhythm with a strong carotid pulse. She was transported to UConn John Dempsey Hospital where she underwent hypothermia therapy and the placement of an ICD. A week later, she walked out of the hospital with full function thanks to the great job done by Canton police and EMS responders.

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Simsbury EMS paramedic Shannon Harvill and her partner Stephen Goebeen responded for a patient who collapsed while walking, and then received two minutes of CPR. The patient was pale, cool, and diaphoretic. Harvill provided ALS interventions while the patient was transferred on a priority to UConn John Dempsey Hospital. The patient was taken to the cardiac cath lab where he was found to have mild coronary artery disease, but severe aortic stenosis. He underwent surgery for a valve replacement. Nine days after his collapse, he also walked out of the hospital with full neurological function thanks to the great efforts of bystanders, the EMS crew and the UConn Health medical team.

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Pre and Post Procedure Flow

RAPID CT Perfusion scan showing damaged area (fushia) versus further area at risk (green) A mismatch between damaged and at-risk area is an indication for the procedure to save the at-risk area from permanent injury.
Baby Delivery!
Campion Ambulance
EMTs James Solis, Kevin Archer, Ashley Burdick and Peter Tranquillo delivered a healthy baby girl in the field and transported mom and child to UConn John Dempsey Hospital. The baby’s initial APGAR was 7, the five minute APGAR was 10. Mom and baby are back home and doing well thanks to the great work of the EMS crew. Great job!

STEMI Kudos
American Medical Response
paramedic Nicole Schieferstein and her partner Patrick Ryan
26 Minutes Door-to-Balloon/56 FMC
New Britain EMS paramedic Hannah Stewart and EMT Ross Mocko
59 Minutes Door-to-Balloon/81 FMC
Bristol EMS paramedic Michael Cassello and EMT Danica Urda
55 Minutes Door-to-Balloon/87 FMC

UConn EMS CME 2018
October 17, 2018
November 21, 2018
December 19, 2018

8:30-11:30 A.M.
Cell and Genome Building
400 Farmington Avenue, Farmington, CT
Free Parking

3 Hours CME
ALL EMS RESPONDERS WELCOME
Bagels and Coffee provided.

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

UConn EMS CME 2018
October 17, 2019

UConn EMS CONTINUING EDUCATION

Pulmonary Embolus
Louis Paolella, M.D.

Airway in Cardiac Arrest: The Latest Research
Richard Kamin, M.D.

Airway Verification
Peter Canning, Paramedic, R.N.

Case Reviews
Kamin/Canning

UConn Trauma Report
Mike Nicholson, UConn Trauma Coordinator

STEMI and Stroke Review
Peter Canning, Paramedic, R.N.

24 Hour Stroke Window
Jennifer Sposito, R.N. Stroke Coordinator

Drug Review: Glucagon
Kamin/Canning

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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.