



Emergency Medical Services *Partners*

November 2016, Issue 78

uconnems.uhc.edu

Canton STEMI/Cardiac Arrest Save



Canton Ambulance paramedic Rick Bergen and his partner Greg Hayes responded in Canton for a 59 year old male with severe chest pain going down his left arm. They did a rapid 12-Lead ECG which revealed an anteriorlateral ST-Elevation Myocardial

Infarction (STEMI). They gave the patient aspirin (ASA) and called in a **STEMI Alert** to **UConn John Dempsey Hospital**, where Dr. Christopher Vetter immediately activated the cardiac cath lab.

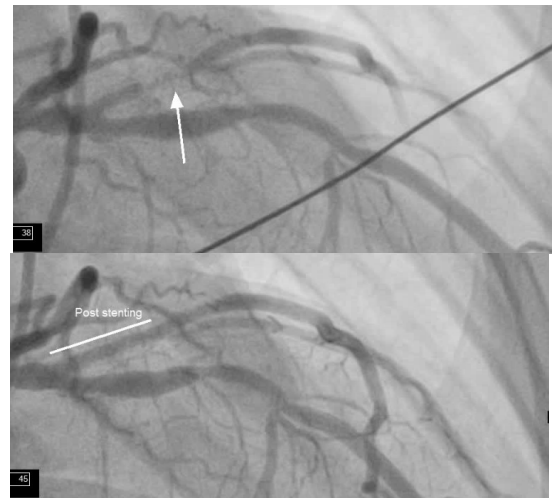
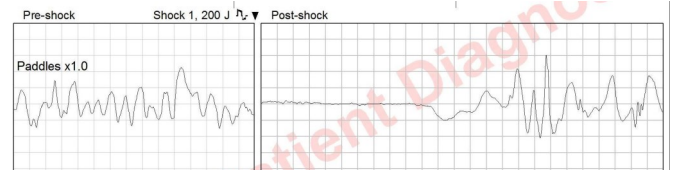
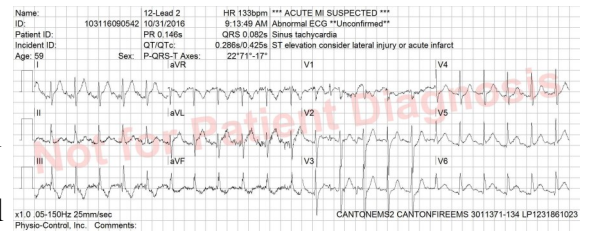
While still en route to the hospital, the patient suddenly became unresponsive and was found to be in ventricular fibrillation. Bergen shocked him at 200J and began CPR. Within a minute they had pulses restored. On arrival at UConn, he was taken immediately to the cardiac cath lab

(bypassing the ED) still on the EMS stretcher where Dr. JuYong Lee and team found a 99% occlusion of the large diagonal branch of the LAD. The occlusion was cleared and stented, restoring perfusion. The patient did great and was released home two days later to the care of his grateful family.

“As a result of great teamwork,” Dr. Lee said, “the patient recovered from his heart attack and cardiac arrest with absolutely no neurological problems and minimal heart muscle damage.” Dr. Kai Chen, the patient’s attending cardiologist at UConn Health, said: “Critical survival time was saved, thanks to the quick response of the Town of Canton ambulance, along with their ability to perform lifesaving defibrillation and CPR. When it comes to surviving a heart attack, time is muscle. Our entire team at UConn Health was on standby to do our additional part to minimize this patient’s heart damage and increase his odds of survival.”

20 Minute Door-to-Balloon! 56 Minute First Medical Contact!

Great job by Rick Bergen, Greg Hayes and the EMS/UConn Health STEMI partnership!



Download New Statewide EMS Protocols

EMS providers can download the new statewide guidelines from the Connecticut EMS web site:

www.ct.gov/dph/ems

Link is also available on the UConn JDH EMS website: www.health.uconn.edu/ems/

Download and read them now!



Stroke Alerts/Door to TPA

Six EMS patients received tPA in October. 4 received it in less than 60 minutes. While the decision to give tPA requires a CT scan, a full neurological evaluation, consultation with family and a thoughtful weighing of the risks versus benefits in each individual case, the ability of EMS to recognize stroke, call in a stroke alert, and go directly to CT scan, greatly improves the chances the patient will qualify for tPA, which can lead to improved outcomes for some patients.

Remember please include the following in your radio patches and documentation:

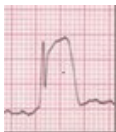
1. Last Known Time Without Symptoms
2. Cincinnati Stroke Scale
3. Blood Glucose Tested
4. Acute Stroke Alert Called to Hospital*

*Early Notification Saves Lives!

For follow-up on stroke patients, contact Peter Canning at canning@uchc.edu or UConn Stroke Coordinator Jen Sposito at (860) 480-2523 or jsposito@uchc.edu

STEMI Kudos

Simsbury Ambulance paramedic Aaron Olk and **Granby Ambulance** paramedic Curtis Neff and EMT Sheryl Cappa
41 Minute Door-to-Balloon. 78 Minute First



Medical Contact to Balloon

Canton paramedics William Schappert and Ryan Kerr
44 Minute Door-to-Balloon. 92 Minute First Medical
Contact to Balloon

Canton paramedics Andrew Dellamarggio and Ryan Kerr
58 Minute D2B, 117 FMC

Remember:

1. 12-lead on first medical contact (ideally within 5 minutes of patient contact)
2. Early Notification (ideally within 5 minutes of ECG)
3. STEMI Alert with Medical Control (Be sure to use term STEMI ALERT or Possible STEMI Alert)
4. Safe Rapid Transport

Keep up the great work!

UConn Health EMS Website

For news, educational information, CME schedule and past copies of our newsletter *Partners*, check out our website at:

www.health.uconn.edu/ems/

30/35/43 Minutes Door to TPA

Great job of stroke care by **Simsbury Ambulance** paramedics Karin Stewart and Michael Delhanty. 30 Minutes Door-to-tPA.



Canton Ambulance paramedics Ryan Gonska and Ryan Kerr. 35 Minutes Door-to-tPA.
Simsbury Ambulance paramedic Joshua Heggie and EMTs Terrance Fogarty and Zach Mazur. 43 Minutes Door-to-tPA.

Great job also to crews from **American Medical Response** and **West Hartford Fire Department** for rapid recognition and transport of CVA patients.

UConn EMS CONTINUING EDUCATION

Syncope

Dr. Damon Cashman

Methadone, Buprenorphine and Opiate Abuse Treatment

Dr. Kyle Wasserman

Lights and Sirens Policy: Who Called the Ambulance?

Peter Canning, Paramedic, R.N.

Case Reviews

Richard Kamin, M.D.

(3 Hours CME)

Bagels and Coffee will be served

For Questions, email Peter Canning at canning@uchc.edu

November 16, 2016

8:30-11:30 A.M.

400 Farmington Avenue, Farmington CT

ALL EMS RESPONDERS WELCOME

2016 UCONN EMS CONTINUING EDUCATION

Monthly Morning CME



November 16, 2016

December 21, 2016



Cell and Genome Sciences Building Conference Room
400 Farmington Avenue
Farmington, CT
8:30-11:30 A.M.

Bagels and Coffee will be served

For Questions, email Peter Canning at canning@uchc.edu

ALL EMS RESPONDERS WELCOME

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.