

Virginia Heart Attack Coalition Northern Region

Winter 2017
Quarter 2 – FY18
Wednesday December 13, 2017
10:00 am



City of Fairfax Fire Station 403
4081 University Drive
Fairfax, Virginia 22030
3rd Floor

Those present were:

Beth Adams, Fairfax County Fire and Rescue Department, beth.adams@fairfaxcounty.gov
Jessica Buck, StoneSprings Hospital, Jessica.buck@hcahealthcare.com
Heather Calhoun, Spotsylvania Regional Medical Center, heather.calhoun@hcahealthcare.com
Nicholas Cossa, MD, Inova Fairfax Hospital, ncossa@tcg.md
John Dugan, Mid-Atlantic AHA Affiliate, john.dugan@heart.org
Johnny Ellis, Physician Transport Service, jellis@ptsems.com
Craig Evans, Northern Virginia EMS Council, craig@vaems.org
Tiffany Fischer, Novant Health Prince William Medical Center, tdfischer@novanthealth.org
Hannah Fraley, Virginia Hospital Center, hfraley@virginiahospitalcenter.com
Rajat Garg, MD, Virginia Heart/Reston Hospital, rgarg@tcg.md
Marian Hartle, Inova Fairfax Hospital, marian.hartle@inova.org
Brian Hricik, Alexandria Fire Department, brian.hricik@alexandria.gov
Michael Jenks, MD, Fauquier Hospital/Fauquier County DFREM, jensomd@verizon.net
Kate Kramer, Arlington County Fire Department, kkramer@arlingtonva.us
Keith Morrison, Reston Hospital, keith.morrison@hcahealthcare.com
Rita Muldoon-Laccone, Virginia Hospital Center, rlaccone@virginiahospitalcenter.com
Pat Murphy, Inova Loudoun Hospital, pat.murphy@inova.org
Shirley Riggsbee, Inova Fairfax Hospital, Shirley.riggsbee@inova.org
Erik Rhodes, Physicians Transport Service, erhodes@ptsems.com
Lisa Sumner, StoneSprings Hospital, lisa.sumner@hcahealthcare.com
Alexander Truesdell, MD, Virginia Heart
Laura Vandegrift, Northern Virginia EMS Council, laura@vaems.org
Harmony Vazquez, HCA Reston Hospital, harmony.vazquez@hcahealthcare.com
Jaime Wolfin, StoneSprings Hospital, Jaime.wolfin@hcahealthcare.com

The quarterly Virginia Heart Attack Coalition (VHAC) meeting was started at 10:05 am by Craig Evans. All attendees introduced themselves and their respective organization affiliations to the group.

ACCEPTANCE OF MINUTES:

Minutes from the September 13, 2017, meeting were emailed to all attendees prior to the meeting for review. A motion to approve the minutes as written was made and seconded and all were in favor of approval with no changes.

REGIONAL DATA UPDATE:

John Dugan stated there is no new data to provide because they are still working with Get With The Guidelines-CAD (GWTG-CAD). Action Registry and ACC has created a dashboard for the chapters to use. They will disseminate the data to the chapters once that has been finalized as they just signed the contract recently. Many more hospitals are coming on board. Inova is expected to sign soon, hopefully, this week, and Sentara, which includes all 12 of their hospitals, will sign soon which means that by spring over 50% of the hospitals in Virginia will be with Mission: Lifeline. It is unknown when the regional reports will be ready or when the data will be disseminated securely to the chapters but it is in progress. There is a webinar Tuesday 12/19/2017 at 1 pm that will show the new platform with GWTG. John can provide you information for that webinar if you did not receive an invitation and are interested.

Craig Evans asked about ACTION Registry and GWTG. John advised that the GWTG with ACTION Registry static version will be \$500 and can obtain state-level data. The Council will get a Super User account and have a limited data set available so they can't obtain patient-level data, just general information such as door to balloon times, agency transport numbers, etc. The Council can provide additional data to the EMS agencies through ImageTrend reports. All EMS Agencies still have the use of and are eligible to use Mission: Lifeline.

The following are the upcoming meetings:

- Virginia State VHAC Meeting May 11, 2018
 - Location to be determined (if anyone has a space to seat 120+ they would be interested in looking into the location)
- AHA Stroke and Heart Attack Summit April 23-27, 2018
 - Hilton Garden Inn at Crabtree Valley, Raleigh, NC
 - 4/24/18 will be STEMI and shock
 - 4/25/18 will be cardiac time-sensitive emergencies
 - 4/26/18 will be stroke
 - There will be CE's available for nursing and EMS and some specific nursing certifications for heart failure and stroke nursing

EMS Recognition starts January 1, 2018, and goes through April 2, 2018.

GUEST SPEAKER PRESENTATION:

Dr. Alexander Truesdell from Virginia Heart and Inova Fairfax Hospital provided a slide presentation on cardiogenic shock and arrest.

PCI DATA SHARING:

Craig Evans asked that each hospital or agency share data with the group

Virginia Heart Attack Coalition
Northern Region Quarterly Meeting
December 13, 2017

- StoneSprings Hospital
 - They received their Chest Pain Certification on November 20, 2018.
 - Currently, they are transferring their STEMIs out but are open to discussion and feedback on how to get more local EMS agencies to bring their STEMIs to them
 - Some of this involves changes in protocols with EMS agencies
- Virginia Hospital Center
 - 8 recent Impella patients all with good outcomes.
- Fauquier Hospital
 - Most of their STEMIs and cardiogenic shocks go to Fairfax Hospital via Cardiac Access.
 - Some go to Prince William
 - They are on the path to get their own cath lab within the next 9-12 months with the support of Fairfax Hospital.
 - Will be diagnostic only initially
- Inova Loudoun Hospital
 - Door to Balloon time with POV patients is still around 32 minutes
 - First medical contact to door is around 24.5 minutes
 - Door to ED STEMI activation is less than 5 minutes
- Inova Fairfax Hospital
 - Shock and high-risk PCI numbers
 - In 2015 there were 8
 - In the first quarter of 2017, there were 49
- Reston Hospital
 - 15% of STEMIs in 2017, through November, were in cardiac arrest or cardiogenic shock before intervention.
 - Year to date have had 65 STEMIs
 - 3% mortality rate for STEMIs
 - Half of those were out of hospital cardiac arrest before intervention
 - When arriving in the ED there is a “thoughtful pause” for the ED physician to discuss with the interventionalist whether the patient goes to the cath lab or is transferred out
 - They receive incoming transfers from StoneSprings
 - Any patients requiring CABG or Impella go to Fairfax or to Virginia Hospital Center if they have Kaiser
- Spotsylvania Regional Medical Center
 - Recently had a mortality where the patient arrested during intervention.
 - Door to balloon time is 64 minutes
 - They are the closest PCI center as well as closest hospital for many EMS agencies
 - 2 recent STEMIs had greater than 30 minute transport times
 - When a STEMI alert is called in, the EMS provider speaks directly to the ED physician
 - All EMS units have EKG transmission capabilities, even BLS

- AMR does their transports to other hospitals
- Novant/UVA Prince William Medical Center
 - Many STEMI alerts are called prior to arrival by EMS
 - Outfitted all EMS agencies in Prince William County, Manassas City and Manassas Park with Lifenet so it is seen by the ED and cath lab doctors
 - They use PTS as their “STEMI 1” call center so times are very low
 - Lifenet field transmission of STEMI-positive EKGs allows for short door to balloon times of less than 10 minutes
 - 4 ED bypasses just this week
 - Median POV door to balloon time is 40 minutes
 - Less than a 2% mortality rate
 - They will have Impella in Spring 2018 and will send those out to Fairfax or VHC
 - PTS will be available on standby to take those patients as needed
- Physicians Transport Service
 - They are in a call center functionality for hospitals using Impella
 - They are able to transport these patients because they employ Critical Care Paramedics
 - They have taken from VAD all the way up to ECMO patients with great success
 - They are also the Novant/UVA STEMI 1 call center and the Shock Team at Inova
 - They have the ability to stand by at these hospitals by pre-allocating their resources to shorten times and overall have had good times and successes with this practice

TOPICS FOR NEXT MEETING:

- First medical contact to activation times and processes
- What are EMS agencies present approaches
- Roundtable data sharing for
 - First medical contact to activation
 - First medical contact to device
 - First medical contact to ED/Hospital arrival
 - EMS to provide first medical contact to en route to hospital (on-scene time)
 - First medical contact to transport time can be reviewed but consideration to be taken for the variables between agencies such as Alexandria with reasonably short times compared to Loudoun or Prince William

The next Northern Region Quarterly Meeting of the Virginia Heart Attack Coalition will be on March 21, 2018, from 10:00 am to 12:00p, and will be located at Fire Station 403, 4081 University Drive, Fairfax, VA 22030. A reminder will be sent prior to that meeting.

The meeting was adjourned at 11:52 pm.

CERTIFICATION OF NORTHERN REGION QUARTERLY MEETING OF THE VIRGINIA HEART ATTACK
COALITION

Northern Virginia EMS Council
7250 Heritage Village Plaza, Suite 102
Gainesville, Virginia 20155

I, Craig Evans, Executive Director of the Northern Virginia EMS Council certify that the above minutes are a true and correct transcript of the meeting minutes of the Northern Region Quarterly Meeting of the Virginia Heart Attack Coalition held on December 13, 2017. The minutes were officially approved on March 21, 2018, at the meeting of the Committee.

Craig A. Evans

Date