

**Rappahannock EMS Council
Regional Heart & Stroke Committee
September 5, 2018
3:00 p.m.
REMS Council Training Center**

MEMBERS PRESENT: Lori Knowles, Chairman
 Eleanor Redmond, Stroke Coordinator MWH
 Susan Halpin, Stroke Coordinator MWH
 Christina Rauch, EMS Coordinator MWH
 Amy Cantwell, PHI AirCare2

REMS: Linda Harris, Staff Support
 Heather Roche, Stroke Coordinator SRMC
 Mark Crnarich, REMS Board
 Louise Rollins, REMS Board
 Greg Leitz, Spotsylvania FREM

AGENDA TOPIC	DISCUSSION	ACTION
Call to Order	Meeting called to order at 3:00 p.m. by Chairman, Lori Knowles and welcomed all members with introductions.	
Approval of Minutes	The minutes of the June 6, 2018 meeting were approved as presented.	
Virginia Stroke Care Advisory Group	<p>Greg Leitz has been named to represent the REMS Council region on this new state level advisory group. Held first quarterly meeting August 10th. Greg was in attendance by phone and difficult to follow the meeting. Minutes were provided to the group which included reports from hospitals and EMS council regions on stroke initiatives being conducted around the state.</p> <p>MWHC shared that at the last VSSTF state meeting, Patrick Wiggins, Health Systems Intervention Coordinator, Virginia Department of Health, facilitated an open discussion to propose ideas for quality improvement and focus areas within the recent stroke legislation. Several ideas presented include: AHA Get With The Guidelines, Get Ahead of Stroke, the need for a centralized database, explore data and prioritize based on gaps, focus on underserved areas, EMS data, and Hospital-EMS collaboration for quality improvement. Feedback from VSSTF meetings will be shared with the VA Stroke Care Quality Improvement Advisory Group. Next meeting scheduled for October 2018.</p>	
Virginia Stroke Systems Task Force (VSSTF)	<p>Last meeting was held July 20, 2018 in Chesterfield, Virginia with strong presence from our region. Mission and goals for the year were discussed. A presentation from the PEMS EMS region on LVO stroke assessments was presented and discussion on the new Get with the Guidelines (GWTG) EMS Special Initiative for stroke data collection.</p> <p>MWHC shared they have begun to report EMS data in GWTG under the new initiative. Pulling data from EMS reports on stroke patients transported to MWH who received tPA or intervention retrospectively. Presented results for April & May 2018 to committee. The four data elements MWH Stroke Center will be tracking include: EMS on scene time, documentation of last known well, stroke assessment performed and documented, and door in door out times for patients being transferred for interventional therapy. Mark Crnarich is also creating regional stroke data reports through council's access to ImageTrend data. Will work with MWHC and committee to ensure we are capturing meaningful data for the EMS agencies and stroke performance improvement goals.</p>	

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Spotsylvania HeartSafe Application	<p>Lori presented the Spotsylvania County application for HeartSafe. Committee reviewed and recommended moving forward to REMS Board of Directors for approval in October 2018.</p> <p>Lori also shared a HeartSafe pilot is being conducted with support of Walmart working with Williamsburg.</p>	<p>REMS Board of Directors Agenda Item – October meeting</p>
Adjourn	The meeting adjourned at 4:15 p.m. The next regular meeting will be held on December 5th, 3:00 p.m. at the REMS Council Training Center.	

Minutes submitted by Christina Rauch on behalf of Committee Secretary, Louise Rollins
9/13/2018

**Rappahannock EMS Council
Regional Heart & Stroke Committee
December 5, 2018
3:30 p.m.
REMS Council Training Center**

MEMBERS PRESENT: Lori Knowles, Stafford Fire & Rescue, Chairman
 Eleanor Redmond, MWH Stroke Coordinator
 Jennifer Griffin, Gwyneth’s Gift Foundation
 Greg Leitz, Spotsylvania Fire & Rescue / LOW

Wayne Perry, REMS Staff Support
 Linda Harris, REMS Staff Support
 Christina Rauch, MWHC / Stafford Hospital
 Heather Roche, SRMC Stroke Coordinator

AGENDA TOPIC	DISCUSSION	ACTION
Approval of Minutes	The minutes of the September 2018 meeting were approved as presented.	
Committee Members	Committee Chair reviewed current committee membership. State Contract requirements for committee also discussed to ensure proper representation. Lori will reach out to those who have not been attending for continued interest.	Committee Chair to review current membership and report changes to REMS President.
Committee Charter	Motion by Greg Leitz, seconded by Heather Roche and passed to set the committee’s quorum at 6 members. Also recommended including language that committee action and successful votes will be by majority of members present. Moving forward the meeting time has been changed to 3:30 p.m. at the REMS Council Training Center. 2019 and 2020 meeting dates in charter remain good. Will ask REMS to send out updated Charter to the committee.	Updated Charter to be sent out to Committee.
Old Business	Spotsylvania County’s HeartSafe Designation was approved and in November 2018 Lori Knowles and Kevin Dillard made a special presentation to their Board of Supervisors. Spotsylvania is the sixth to receive this designation in Virginia!	
New Business	REMS Stroke Plan Review Announced that Spotsylvania Regional Medical Center has received Primary Stroke Center certification and will need to be added to Regional Stroke Plan. Greg Leitz praised SRMC for the work they have been doing with EMS in the community to make sure both area Stroke Centers are operating at similar level. They recently conducted 4 drills with EMS to test the Stroke process before going live. Greg also shared that Dr. Rickabaugh, Spotsylvania OMD, has approved a second IV line to be established for stroke patients as requested by SRMC as needed for tPA patients. Committee recommends adding to Regional Stroke Plan and Stroke Decision Scheme for consistency with emphasis on not delaying transport and procedure done enroute to Stroke Center.	

**Rappahannock EMS Council
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AGENDA TOPIC	DISCUSSION	ACTION
	<p>There was lengthy discussion on the new 2018 AHA Guidelines for Stroke and need to review for possible updates to REMS Stroke Plan. Eleanor Redmond will lead the review with support from Greg Leitz, Amy Cantwell and Christina Rauch. Recommended changes/additions will be sent out by email to committee for review by January 15, 2019, following which Committee asked that all changes to the Stroke Plan be sent to Medical Direction Committee for action by REMS Board at their February 2019 meeting.</p> <p>King William County is now working on a HeartSafe Designation application to be presented for review. They are in the PEMS region of the Commonwealth.</p> <p>Mary Washington Stroke Center Update Dr. Chhabra gave a Stroke/LVO presentation to EMS at the October 2018 EMS Night Out monthly event. Asked that REMS post the presentation on the council website. Still lots of opportunity for education in 2019 to focus on last known well time and VAN assessment. Recommend committee do a more in-depth review of the data now that we have some presented through REMS PI Chair.</p> <p>Committee recommended that the Office of EMS and ImageTrend add “Last Known Well” and “Stroke Scales” such as VAN, etc. to the ePCR assessment areas under all versions. Having these prompts and data inputs will help with the data collection as not being seen in many of our area reports or will find in narrative section. Greg Leitz will share through his VSSTF and Stroke PI Committees at state level.</p> <p>Mary Washington Hospital recently met to discuss new 2018 AHA Stroke Guidelines and goal of door to drug in 45 minutes or less. Currently doing at 60 minutes and upon review felt time could be saved at the front end. This will involve getting a clear report from EMS for a new “Stroke Pre-Alert” process that will include activation from EMS report and use of alias to open chart in EPIC at that time to allow for quicker CT orders on patient arrival. A memo will be going out to EMS by Christina Rauch with effective date of pilot January 7, 2019.</p> <p>Thanked all involved with the MWHC EMS Symposium Booth with focus on stroke and LVO at the state conference.</p> <p>REMS Staff Report Wayne Perry shared the draft Annual Report for FY2018 and discussed input on stroke. Will forward number of EMS personnel trained in region for addition.</p>	<p>Eleanor Redmond to lead review of 2018 AHA Stroke Guidelines for update to Stroke Plan. Due 1/15/2019 for submission to MDC and REMS Feb. 2019 Board meeting.</p> <p>REMS post Dr. Chhabra’s 2018 LVO lecture to website</p>

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	<p>Gwyneth's Foundation Report Twelve new AEDs have been placed this month in the region. In 2018, 2,000 have been trained on AED/CPR. In November staff and representatives from MWHC and SRMC supported the training of 790 school children from Caroline Middle School. They now may be the first school in our region to be eligible to apply for HeartSafe designation. Lori/Jennifer will reach out and look to send them an application. PulsePoint and HeartSafe have also now been added to the Foundation's website.</p> <p>Wayne and the Committee recognized the work that Gwyneth's Foundation has done in 2018 as reported and recommended that they make a presentation to the Governor's EMS Advisory Board. As a member of the GAB, Lori will help to set that up either as an official agenda item or under public comment section of future GAB meeting. Will be a great opportunity for state and others to learn more about HeartSafe and other programs making a difference in the Commonwealth.</p>	<p>Lori to assist in getting Gwyneth's Foundation on future GAB meeting agenda to share 2018 report.</p>
Adjourn	The meeting adjourned at 4:55 p.m.	

Minutes submitted by Christina Rauch
12/07/2018

Rappahannock EMS Council
Regional Heart & Stroke Committee
March 6, 2019
3:30 p.m.
REMS Council Training Center

MEMBERS PRESENT: Wayne Perry, REMS Staff Support
Eleanor Redmond, MWH Stroke Coordinator
Jennifer Griffin, Gwyneth’s Gift Foundation
Oh the Phone : Amy Cantwell, PHI Aircare 2
Louise Rollins, MWHC
Guests: Mark Crnarich, REMS PI Committee

Linda Harris, REMS Staff
Greg Leitz, Spotsylvania Fire & Rescue/ LOW
Christina Rauch, MWHC / Stafford Hospital
Heather Calhoun, SRMS CP Coordinator

AGENDA TOPIC	DISCUSSION	ACTION
Approval of Minutes	The minutes of the December 2018 meeting were approved as presented.	
Get Ahead of Stroke	Video was sent out to committee members by chair. – was some discussion concerning the talking points which are very similar to what our region is already doing.	
PI Information	Mark Crnarich presented PI data on Stroke patients/ transports in our region that he has been able to extract and report. Mark is starting to look at extracting data re: STEMI Performance Assessments. Discussion about the Virginia Statewide Stroke Metrics Preliminary List dated 3-3-19 and the data they will be reviewing, including some of the data that Mark extracts. Greg Leitz assisted in creating this through the State Stroke Committee. Wayne asked for feedback on this document – is it possible to track the information they are seeking to compile?	
EMS Agenda 2050	There was some discussion about how EMS is moving forward towards this vision. Wayne asked for each committee to select one section to address how we can impact the system to move forward in the right direction. There was a discussion on starting a pilot program using iPads in the field so providers can ‘talk’ with ER docs in real-time similar to what UVA has been doing. ATT First Net has a program that could be used for this program. The committee selected the “Integrated & Seamless” section to address.	
Old Business	Regional Stroke Plan was sent to BOD in December 2018 but there was no quorum so it will be sent to the Executive Committee	
New Business	HeartSafe – Campus/Site Program is live The application is complete. Jennifer has sent application to Dixon Smith and Caroline Middle Schools to see if they would be interested in completing the application. Lori was to contact some of the businesses in Williamsburg that have trained personnel and AEDs onsite to see if they would be interested in being part of the pilot program. Greg will approach Germanna Community College as well. Jennifer will send him the application. Greg also gave information about the Rappahannock Area District School Nurse Group. This might be an opportunity for a	

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	presentation. Guidelines & Training is looking into creating a Stop the Bleed Coalition similar to the one in Richmond. They combine STB resources along with AED training. This could be added to the HeartSafe program? Or a new umbrella "Safe Community Program."	
STEMI Protocol	Tina asked that we move the STEMI Decision Scheme to Medical Section from Reference. This will go to the Protocol Committee	
Adjourn	The meeting adjourned at 4:55 p.m. Next meeting is June 5, 2019	

Minutes submitted by Linda Harris
4/15/19

**Rappahannock EMS Council
Regional Heart & Stroke Committee
June 5, 2019
1530 hours
REMS Council Training Center**

MEMBERS PRESENT: Greg Leitz, Spotsylvania Fire & Rescue / LOW
Susan Halpin, MWH Stroke Coordinator
Christina Rauch, MWHC / Stafford Hospital
Heather Calhoun, SRMC Chest Pain & Stroke Coordinator

Wayne Perry, REMS Staff Support
Linda Harris, REMS Staff Support
Daniel Stewart, SRMC EMS Coordinator

AGENDA TOPIC	DISCUSSION	ACTION
Approval of Minutes	The minutes for the March 2019 meeting were deferred to next meeting.	
Committee Members	Review of Charter to verify that quorum was changed to 6 members, with only 5 members present cannot take a vote.	
New Secretary	Wheezie Rollins is unable to continue to function as secretary as of December due to her new role. Heather Calhoun will be secretary moving forward.	
PI Information	Not available for this month. Would like to include the PI information in the agenda for each meeting. Information found to be very helpful.	REMS Staff to get information from Mark to share with the committee each meeting.
New Business	<p>Mary Washington Stroke Center Update: DIDO Team: Tina reported that they have formed a DIDO Team for door in, door out reviews for stroke transfers. Working with AirCare and LifeCare to ensure transition is smooth and provide training for monitoring tPA infusion en route. DIDO is now a required reporting from TJC.</p> <p>Stroke and Trauma Expo just held. Celebration of 10-year anniversary of those certifications/ designations. Good attendance throughout the day with different departments set up with information to follow the trauma and stroke patient through the process.</p> <p>Stafford and Lees Hills are working on doing more drip and ship.</p> <p>Working on getting everyone internally certified in NIHSS.</p> <p>Hosted annual EMS night out in April with a focus on Stroke.</p>	

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	<p>Get Ahead of Stroke Campaign: Heather and Greg attended luncheon in Capital Hill. Program is focused on getting the LVO patient to the appropriate center, similar to the trauma center approach. Large push to take patients to endovascular facilities, which we do not have but are doing a good job with triaging in the field. Also big push is to make stroke centers have Levels similar to the trauma center levels. They also are the ones who created the Stroke App which the provider will enter the criteria for the different stroke scales and as soon as LVO criteria is met, it will alert them to take patient to an endovascular capable facility. Greg is happy to report that the REMS Region and the Commonwealth as a whole is way ahead of the country in stroke scale. Charlie Kiefer, regional public relations manager would like to do a short presentation to the committee.</p> <p>Telemedicine: Greg shared the UVA research contact: Haydon Pitchford, 703-509-9840, hmp4yf@virginia.edu.</p> <p>HeartSafe Application: Longfellow Middle School in Falls Church. 1st Middle School in VA to have 4 AEDS in the school. Do not have a quorum present, but members present recommend approval. 1st school HeartSafe Application.</p> <p>Spotsylvania Regional Medical Center VHAC Meeting: Would like to see more attendance from our Region. Will forward out the regional meeting invite. Regional meeting is in Fairfax quarterly and State meeting is annually, with the last couple being held in Chesterfield. VHAC is pushing for the “drive to 75” which is the First Medical Contact to Balloon time to be less than 75 minutes. SRMC currently does 90 minutes and is looking at lowering their goal to meet the VHAC goal.</p> <p>Working on getting D2N process more streamlined. 2nd CT scanner in the process of being installed. Working towards obtaining the iRapid software which will enable them to do a CTA with perfusion study. This will allow them to rule in or rule out a LVO that is a neurothrombectomy candidate. Also gives the neuro-interventionalist the ability to view the images on his cell phone via a HIPPA complaint app. Thus allowing him to activate a code neuro intervention prior to patient leaving Spotsy to reduce the time to intervention once the patient arrives at the endovascular facility.</p> <p>REMS Staff Report: VSSTS created new group for each region. Decided it would be best to new group to attend the existing regional</p>	<p>Greg will get with Lori concerning Charlie Keiffer speaking to committee.</p> <p>REMS Board of Directors Agenda Item</p>

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	<p>meeting verses creating a completely new group. AHA is trying to reduce the new guideline for door to needle down to 30 minutes, which does not seem safe with all that is required to complete prior to the administration. Committee still endorsing 45-minute door to needle goal.</p> <p>School Education: At the last VSSTS meeting, a Stroke Education train-the-trainer program geared towards middle and elementary schools was presented. The program tool kit includes pre/post tests, videos for the students to watch and then role-playing for the instructors to guide the education. The program toolkit is available free of charge.</p>	<p>Wayne will look into getting the word out to the Board and the schools to come up with a strategic plan on how to roll this out.</p>
Adjourn	The meeting adjourned at 1615. Next meeting scheduled for September 4 th , 2019 at 1530 hours.	

Minutes submitted by Heather Calhoun
06/28/19