



**Minutes of the REMSC Heart & Stroke Committee
September 6, 2017**

The Heart & Stroke Committee meeting was called to order on September 6, 2017 at 3:05 pm at the REMS Council Office and via the phone conference bridge. The following were in attendance:

- Emmett Price, Chair
- Linda Harris, REMS Staff
- Dr. Arun Chhabra (MWH)
- Dr. Robert Fines (MWH)
- Amy Cantwell, (PHI/Aircare)
- Christina Rauch (MWH)
- David Farmer (SRMC)
- Lori Knowles (Stafford Fire & EMS)
- Louise Rollins (MWH)
- Susan Halpin (MWH)
- Trisha Derr (Protocol Committee Chair)

Via the Conference Bridge:

- Greg Leitz (Spotsylvania Fire & EMS)
- Heather Calhoun (SRMC)
- Wayne Perry, REMS Executive Director

The following was discussed:

1. **General.** There are several changes to the committee membership. A copy of the updated roster is attached.

2. **Heart Session.**

- A HeartSafe Community application was received from the Williamsburg Area communities. Lori and the committee will review and forward comments to the Chair. If there are no objections and/or everyone concurs, it will be forwarded to the Board for approval at their next meeting (which is before the next heart & Stroke Committee meeting).
- There was some discussion about removing the 5 year renewal clause in the HeartSafe policy. There was no objection.

3. **Stroke Session.**

- Lori reported the State EMS Advisory Board approved the Virginia State Stroke Task Force (VSSTF) plan.¹ It should be posted soon on the Virginia EMS web page. Note that Lori is a member of this Governor's Advisory Board. Special thanks are extended to Greg Lietz and Tina Rauch for participating in the EMS Sub-Committee to this Task Force.

¹ Approved on August 4, 2017. <http://www.vdh.virginia.gov/content/uploads/sites/23/2017/08/080417-EMS-Advisory-Board-Minutes.pdf>.

- The committee reviewed the changes to the Stroke Triage Plan, now updated based on the new State Stroke Triage Plan. All concurred, less those items that were changed in the flowchart (see below) that were also discussed in the body of the plan. Everyone is to give the plan one final review and submit any changes to the Chair by September 20, 2017, so the plan can be submitted to the REMSC Board for approval in October (since our next Committee meeting is not until December 6, 2017).
- Tina ran through the excellent flow chart she created for the Stroke Triage Plan. Members then had a lengthy and thoughtful discussion on how to simplify the chart.
 - One topic that we need to ensure was clear in the plan was the VAN/LVO screening does not replace the Cincinnati screening; it's in addition to.
 - Dr. Chhabra deleted or modified some of the screening items in the VAN scale, to simplify the process in the field.
 - Dr. Chhabra also modified the LKWT onset hours, again to simplify it.
 - There was also discussion when using an air ambulance, that they should probably go straight to a Comprehensive Stroke Center versus a Primary Stroke Center, if they met the requirements and it did not adversely affect the treatment time.
- Dr. Chhabra mentioned he had created a Stroke/LVO presentation. He or his staff have presented it to approximately 120 personnel in Stafford so far. He is scheduled to brief Fredericksburg personnel soon.

The meeting adjourned at ~4:20 pm.

The Heart & Stroke Committee meetings – which convene at 3:00 pm – for 2017 are scheduled as follows:

- March 1, 2017 (completed)
- June 7, 2017 (completed)
- September 6, 2017 (completed)
- December 6, 2017

Members can attend in person at the REMSC Office, or via the phone conference bridge. An invitation is sent out by the REMS Staff to all members 1-2 weeks out.

Respectfully Submitted:

Emmett Price, Chair
eprice@vaems.org

REMISC Heart Stroke Committee Members

3/12/2017

Name	Agency	Position	Email
Emmett Price	Stafford County Fire & EMS	Chair & REMS Board Member	epprice@vaems.org
Bethany Bettis	Culpeper Hospital	Emergency Department	bbettis@culpeperhospital.com
VACANT	Fauquier Hospital	TBD	TBD
Dr. Arun Chhabra	Mary Washington Hospital	Director, Stroke Center	arun.chhabra@mwhc.com
Dr. Robert Fines	Mary Washington Hospital	Emergency Department	rfinesmd@yahoo.com
Eleanor Redmond	Mary Washington Hospital	Stroke Center	eleanor.redmond@mwhc.com
Susan Halpin	Mary Washington Hospital	Stroke Center	susan.halpin@mwhc.com
Christina Rauch	Mary Washington Hospital	EMS Coordinator	christina.rauch@mwhc.com
Louise Rollins	Mary Washington Hospital	Emergency Department	louise.rollins@mwhc.com
Dianne Ristom	Spotsylvania Regional Medical Center	VP, Quality & Risk Management	dianne.ristom@hcahealthcare.com
David Farmer	Spotsylvania Regional Medical Center	EMS Coordinator	david.farmer@hcahealthcare.com
Heather Calhoun	Spotsylvania Regional Medical Center	Chest Pain Coordinator	heather.calhoun@hcahealthcare.com
Michelle Kube	Spotsylvania Regional Medical Center	Stroke Center	michelle.kube@hcahealthcare.com
Amy Cantwell	PHI / Aircare	Regional Air Transport	akcwell@gmail.com
Greg Leitz	Spotsylvania County Fire & EMS	EMS Division Chief	gleitz@spotsylvania.va.us
Lori Knowles	Stafford County Fire & EMS	EMS Division Chief	lknowles@staffordcountyva.gov
Linda Harris	REMS	Committee Staff	lindaharris@vaems.org
Wayne Perry	REMS	Executive Director	wperry@vaems.org
Kevin Dillard	REMS	President & Ex Officio Member	kdillard@lifecare94.com
Dr. Maha Alattar	VCU Hospital	<u>Committee Advisor</u> / Co-Chair of the VSSTF	alattarm14@gmail.com

Rappahannock EMS Council
Meeting Minutes of: Regional Heart and Stroke Committee
Date: Dec 06, 2017
Time: 1500-1600
Location: Rappahannock EMS Council – Regional Training Center

Chair: Lori Knowles
Co-Chair: Emmett Price
Recorder: Louise “Wheezie” Rollins
Committee Members Present: Heather Calhoun; Amy Cantwell; Michelle Graves; Jennifer Griffin; Susan Halpin, Linda Harris (Staff Support, non-voting); Lori Knowles; Greg Leitz; Wayne Perry (Staff Support, non-voting); Emmett Price; Christina Rauch; Louise Rollins
Committee Members Excused: Eleanor Redmond
Guests Present: Mark Crnarich

Agenda Topic/Presenter	Discussion	Follow-up, Recommendations and Actions	Responsible Party and or Reported out
<i>Call to Order</i>	Called to order @ 1500 by Lori		Lori
<i>Minutes</i>	Minutes from the September 9, 2017 meeting approved as presented.		
<i>Introductions</i>	<ul style="list-style-type: none"> All introduced self around table and on phone, for new members. 		Lori & Members
<i>Regional Stats PI Committee</i>	<ul style="list-style-type: none"> Plan Stroke Measures / Base line from patient care report Every Agency reports individually; Fredericksburg has IT issues Education needed for: (1)Last know well = not complete except for Stafford (2) recording Med Rec number (3)Multi Coding- to pull Stroke population – narrow down to LVO and or 	Making LKW and Med Record # a Mandatory field. Any PI suggestions send to Lori	Mark

	Cincinnati stroke scale (4) Transport decision. Measures to include (a) process (b) structure (c) outcomes		
<i>Highlights of 2017 Accomplishments</i>	<ul style="list-style-type: none"> • Updated Stroke Protocol & Plan Region • Stroke Training to over 120 providers / 37 hours / more to come • Increase training for Stroke Instructor Team (SIT) 	Train the Trainer	Christina Rauch
	<ul style="list-style-type: none"> • Heart Safe Community: four (4) added / King George / Fredericksburg / Greater Williamsburg / Powhatan 	Kevin Dillard & Lori presented	
<i>Annual Report</i>	<ul style="list-style-type: none"> • Wayne Perry requested all accomplishments to be noted. Emmett sending 2013 to current meeting notes to Lori 		Lori
<i>Complete Charter for 2018</i>	<ul style="list-style-type: none"> • Mission: approved • Purpose: approved • Membership: Change to “majority” reach out to Dr.. Alatar • Stakeholders: approved • Resource Support: Add access to State Data Base • Decision: change to “ Board of Directors” • Level of Authority: training lesion = independent / Policy & Procedure = Board • Goal & Outcomes: Heart Safe 4 per year • Pre-hosp Stats: approved 	Charter to be sent to 12/13/17 Board Meeting for Approval	Lori
<i>Gwyneth’s Law</i>	<ul style="list-style-type: none"> • VA High School graduation requirement for students. Teachers also need to have CPR / AED training 		Jennifer
<i>Goals for 2018</i>	<ul style="list-style-type: none"> • Stroke patient transfer : AHA form to drip and ship • Education on form use 		

	<ul style="list-style-type: none"> • iPhone Emergency contact (emergency function in phone). (1) Community education to preload information (2) Education for providers to access information on phone • High Risk patient population: Create Registry / data base. Example, LVAD / Special needs or high tech need peds patients 	To be continued	Amy
<i>Next Steps</i>	<ul style="list-style-type: none"> • Volunteer to record minutes of meeting • All members of the team print out paperwork for meeting and or use electronic devices 		Wheezie
<i>Meeting Dates 2018</i>	<ul style="list-style-type: none"> • March 07 • June 06 • Sept 05 • Dec 05 	Approved	All

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Rappahannock EMS Council
Meeting Minutes of: Regional Heartand Stroke Committee
Date: March 7, 2018
Time: 1500-1600
Location: Rappahannock EMS Council – Regional Training Center

Chair: Lori Knowles
Co-Chair: Emmett Price
Recorder: Louise “Wheezie” Rollins
Committee Members Present: Lori Knowles; David Farmer; Amy Cantwell (via teleconference); Jennifer Griffin; Susan Halpin; Linda Harris (staff support); Wayne Perry (staff support); Christina Rauch; Greg Leitz; Louise Rollins

Agenda Topic/Presenter	Discussion	Follow up, Recommendations & Actions	Responsible Party and or Reported
Call to Order	<ul style="list-style-type: none"> · Called to order @ 1500 		Lori
Minutes	<ul style="list-style-type: none"> · Minutes from December 6, 2017 meeting approved as presented 		Lori and David
Communication Stroke Plan	<ul style="list-style-type: none"> · Suggestion & Discussion: Algorithm or cards. Depicting 1)Last know well 2) Phone /cell of caregiver; family contact · Stroke check list not being used · Last known well needs to have specific time: currently no specific time 	<ul style="list-style-type: none"> · April 24 2018 EMS Night Out; mention importance of LKW & contact phone number · Education: use REMS Facebook 	Group

Agenda Topic/Presenter	Discussion	Follow up, Recommendations & Actions	Responsible Party and or Reported
National Stroke Protocol Revision	<ul style="list-style-type: none"> · No revision · IR Neurologist Dr. Pankaja Ramakrishnan: very satisfied with RMS Protocol for LVO. Study on LVO to be published 		Lori & Wayne
Revision of Heart Safe Community Application	<ul style="list-style-type: none"> · No expiration date · Williamsburg just added HS Programs · VA Tech / UVA added to national EMS program · “School Business” application; positive community involvement · Heart Safe Plaques for HS & Business · Application undergoing revisions · Wayne & Lori present award · Spotsylvania = Greg · Culpepper & Orange= Wayne · Heart & Stroke Summit= April 23 – 27 2018 		Lori & Jennifer
Community Outreach	<ul style="list-style-type: none"> · Jan 2017 – Jan 2018 · Data points; pre-education / education/ post data; fly in vs. fly outs and region 	Amy C	Tina
Other Business	<ul style="list-style-type: none"> · David Farmer resigned from committee · Dr. Alatar; remains member? 		David Susan
Adjournment	<ul style="list-style-type: none"> · Next Meeting: June 6, 2018 · Adjourned at 1555 		

Rappahannock EMS Council
Meeting Minutes of: Regional Heart and Stroke Committee
Date: June 06, 2018
Time: 1500-1600
Location: Rappahannock EMS Council – Regional Training Center

Chair: Lori Knowles
Co-Chair: Emmett Price
Committee Members Present: Linda Harris (Staff Support, non-voting); Lori Knowles; Jennifer Griffin; Daniel Stewart. On the Phone were Wayne Perry (Staff Support); Amy Cantwell; Greg Leitz;
Committee Members Excused: Eleanor Redmond; Tina Rauch; Louise Rollins; Susan Halpin; Heather Calhoun
Guests: On Phone: Heather Roche, SRMC Stroke Coordinator

Agenda Topic/Presenter	Discussion	Follow-up, Recommendations and Actions	Responsible Party and or Reported out
<i>Call to Order</i>	Called to order @ 1500 by Lori		Lori
<i>Minutes</i>	Minutes from the March 7, 2018 meeting could not be approved due to lack of quorum.	Minutes moved to Sept meeting	
<i>Introductions</i>	All introduced by Chair, Lori Knowles		Lori
<i>“Get Ahead of Stroke” program</i>	<ul style="list-style-type: none"> · Committee was asked to review this program to see if we can adopt policies. Eleanor and Tina researched and found our region is providing education that is in line with these objectives. · An App from Stroke Scales for EMS will be coming soon and will include the Van Scale. It will be called “ Stroke Van” 		Lori

<i>Northern Virginia Stroke Committee</i>	<ul style="list-style-type: none"> · Lori received minutes from NOVA Stroke Committee and compared it to our Regional Protocol. · REMS Protocol seems to be ahead of this region. · Amy Cantwell agreed with that conclusion · Lori would like to attend their next meeting to discuss what our region is doing and would like for some committee members to attend with her. She will send out this information. 		Lori
<i>Stroke Symposium</i>	<ul style="list-style-type: none"> · The 10th Annual Stroke Symposium will be held Friday June 8, 2018 in Norfolk. Lori sent out the registration and agenda for anyone wishing to attend. 		Lori
<i>Heart Safe Community</i>	<ul style="list-style-type: none"> · Spotsylvania County is working on their application · Revisions have been made to application to include Lori's email so that application can be emailed to her. And the expiration date was removed. · She will now work on business's and school to gain the Heart Safe Designation. Jennifer has received inquiries into this program 		Lori
<i>Other reports</i>	<ul style="list-style-type: none"> · Greg Leitz attended the State Stroke Task Force Meeting. Items he found are: State Stroke Protocol will be revised to reflect new times and post event information. Goals are 20 minute door to CT time. They are also pushing telemedicine · Next meeting is July 20 at Chesterfield Fire & EMS. Greg would like for someone to attend in his place. 		Greg
	<ul style="list-style-type: none"> · Wayne attended the VHAC Meeting. He discovered that we are part of the Northern Virginia Heart Attack Coalition. He will be attending that meeting as well. 		Wayne

<i>Adjournment</i>	<ul style="list-style-type: none">· Next Meeting: September 5, 2018· Meeting Adjourned at 1525		All
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