



Performance Improvement & OMD Committee

*First Quarter Report FY2021
July-Sept 2020*

Membership:

The PI Committees shall be comprised of a representative/or their designee from:

- ✚ Each jurisdiction (5):
 - Accredited education program: Jason Ferguson/Lisa Aiken
 - Air Medical: Robbie Conner
 - Amherst County: Jarred Scott
 - Appomattox County: Susan Walton
 - Bedford County/Bedford City: Janet Blankenship
 - Campbell County: Michelle Turner or designee
 - Commercial Transport Agency: Jeff Tanner (Centra Transport) & Tom Walton (DRT)
 - Hospital Representative: Dr. Tom Forsberg, Co-Director for LGH Trauma Services; Kelly Brown, Centra R.N., Centra Trauma Services; Vacant, ED Representative
 - Lynchburg City: Ricky Bomar, Robert Lipscomb or designee
 - Regional Operational Medical Direction Committee: Dr. Wendy Wilcoxson, Dr. Kayla Long
 - *Every EMS provider in the BREMS region is invited to attend and encouraged to speak and ask questions.



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On-Going Projects within CQI:

- Continued work on new protocol parameters/benchmarks for the region
- As recommended by the BREMS OMD group based on CQI results and data gathered from the region:
- Continued work on adding medications to drug box for those that have been on back order.
- Introduction of the Handtevy Pediatric System to the BREMS Region
- Introduction of Ultrasound to the region
- Continued review of trauma specific items as outlined by the committee with Trauma Services
- Continued planning with Kelly Brown, Trauma Services – Centra Health
 - Provider recognition on outstanding performance related to trauma
- Continued work with our Provider Workgroup; sub-group of the OMD Committee
 - Current work on protocol outline & updates
- Continued work on Regional Benchmark numbers/goals & percentages



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Quarterly CTS for BREMS:

- The June CTS for BREMS was cancelled due to state restrictions on gatherings.

Other:

- Continue assistance with training logistics with Sean Regan, Training Coordinator.
- Continue assistance with Protocol changes and development
- Continue work with the OMD Committee and sub-group Provider Workgroup
- Continue work with CQI working with Dr. Wilcoxson on regional performance and benchmarks.



September CQI & OMD Meeting Minutes & Report

Typically, every quarter we have our quarterly CQI & OMD meetings, in compliance with contractual agreements with the State OEMS. However, secondary to the COVID-19 pandemic, we elected to have these meetings with staff under the advisement of Regional OMD, Dr. Wendy Wilcoxson. In lieu of that, attached in this report are the documents we work to continue to develop for the BREMS CQI Program. We will resume meetings on October 13th. The information obtained/reviewed in that meeting will be in the December Q report.



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Attached is the BREMS Protocol Development Schedule, and a sample dashboard regarding the datapoints/benchmarks we included in our report last quarter.

These documents regarding CQI are still in draft form, incomplete and have not been approved by CQI and OMD committees. They are for the purposes of displaying ongoing CQI work within BREMS and not for use otherwise.



September 2nd, 2020

Beginning on Wednesday, October 7th, we will be holding weekly sessions to edit and develop the protocols for the Region. This invitation is open to anyone in the BREMS EMS community. Here are some of the details:

- Every Wednesday 1500-1630
- In person or virtual attendance
- If you plan to attend in-person, we need you to RSVP to jkersey@vaems.org so we can have a room big enough
- If you cannot attend, you can call, email or text me or BREMS to share your views
- In case you miss the initial discussions, once a draft is complete it will be posted on the BREMS website for comment before it is finalized
- There is a section on the BREMS website (Protocols & Regional Guidelines>2020-21 Review Schedule) where the schedule for discussion will be posted so you can contribute according to your interests.
- These meetings will be very content rich. We will post an agenda beforehand to make sure that everyone is aware of topics that need to be covered. By the end of the first few weeks, I anticipate that we will have multiple protocols in play with revisions and research, and depending on the load we may spread out the schedule to make sure every protocol gets good consideration.

I'm looking forward to getting started!

Wendy

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Date	Location	Google Meet ID	Protocol Section to Update 1	Protocol Section to Update 2	Notes
10/7/20	BREMS Suite 19	TBD	Medical Chest Pain & STEMI Care	General Behavioral Restraint	
10/14/20	BREMS Suite 19	TBD	Adult Airway	Environmental - Heat Exposure (Adult & Pediatric)	
10/21/20	BREMS Suite 19	TBD	Adult Cardiac Arrest	General Fever (Adult & Pediatric)	
10/28/20	BREMS Suite 19	TBD	Pediatric Cardiac Arrest	General - Spinal Immobilization	

11/4/20	BREMS Suite 19	TBD	Pediatric Airway	General Pain Control (Adult & Pediatric)
11/11/20	BREMS Suite 19	TBD	Cardiac Arrest - Asystole/PEA (Adult)	General Epistaxis
11/18/20	BREMS Suite 19	TBD	Airway - Failed (Adult & Pediatric)	General Universal Pt Care
11/25/20	BREMS Suite 19	TBD	Cardiac Arrest - ROSC Care (Adult & Pediatric)	General - Indwelling Medical Device/Equipment
12/2/20	BREMS Suite 19	TBD	Airway - Obstruction (Adult & Pediatric)	Environmental - Hypothermia (Adult & Pediatric)

12/9/20	BREMS Suite 19	TBD	Cardiac Arrest - Traumatic Arrest	Injury - Bites & Envenomation
12/16/20	BREMS Suite 19	TBD	Cardiac Arrest - VFIB/VTACH Adult	Cardiac Arrest - VFIB/VTACH Pediatric
1/6/21	BREMS Suite 19	TBD	Medical - Abdominal Pain	Injury - Bleeding/Hemorrhage Control
1/13/21	BREMS Suite 19	TBD	Medical - Allergic Reaction/Anaphylaxis Adult	Injury - Burns Adult
1/20/21	BREMS Suite 19	TBD	Medical - Allergic Reaction/Anaphylaxis Pediatric	Injury - Burns Pediatric

1/27/21	BREMS Suite 19	TBD	Medical - Altered Mental Status Adult	Injury - Diving Emergencies
2/3/21	BREMS Suite 19	TBD	Medical - Altered Mental Status Pediatric	Injury - Drowning (Adult & Pediatric)
2/10/21	BREMS Suite 19	TBD	Medical - Bradycardia Adult	Injury - Electrical & Eye
2/17/21	BREMS Suite 19	TBD	Medical - Bradycardia Pediatric	Injury - Head (Adult & Pediatric)
2/24/21	BREMS Suite 19	TBD	Medical - Tachycardia Adult	Injury - Hemostatic Agent/Quikclot

3/3/21	BREMS Suite 19	TBD	Medical - Tachycardia Pediatric	Injury - Impaled Object
3/10/21	BREMS Suite 19	TBD	Medical - Diabetic Hyperglycemia Adult & Peds	Injury - Multisystems Trauma
3/17/21	BREMS Suite 19	TBD	Medical - Diabetic Hypoglycemia Adult & Peds	Injury - Sexual Assault
3/24/21	BREMS Suite 19	TBD	Medical - Hypotension/Shock Adult	OB/GYN - Childbirth/Labor/Care of Newborn
4/7/21	BREMS Suite 19	TBD	Medical - Hypotension/Shock Pediatric	OB/GYN - Eclampsia

4/14/21	BREMS Suite 19	TBD	Medical - N/V/D Adult & Pediatric	Medical - Sepsis
4/21/21	BREMS Suite 19	TBD	Medical - OD/Poisoning/Toxins Adult	Medical - OD/Poisoning/Toxins Pediatric
4/28/21	BREMS Suite 19	TBD	Medical - Pulmonary Edema/CHF	Exposure - Biological/Infectious
5/5/21	BREMS Suite 19	TBD	Medical - Respiratory Distress/Asthma/COPD/Croup Adult	Exposure - Blistering Agents
5/12/21	BREMS Suite 19	TBD	Medical - Respiratory Distress/Asthma/COPD/Croup Pediatric	Exposure - Carbon Monoxide

5/19/21	BREMS Suite 19	TBD	Medical - Seizure Adult	Exposure - Cyanide
5/26/21	BREMS Suite 19	TBD	Medical - Seizure Pediatric	Exposure - Hydrogen Fluoride/Hydrofluoric Acid
6/2/21	BREMS Suite 19	TBD	Medical - Stroke/TIA	Exposure - Hydrogen Sulfide
6/9/20	BREMS Suite 19	TBD	Exposure - Methemoglobin Forming Compound	Exposure - Nerve & Radiologic Agents

Draft Dashboard

Table 1

Protocol	Benchmark	Data points monitored	Goal %	Current %	YTD %	Last Yr %
Chest pain	12 lead<5 min after patient contact	Scene arrival time	95	98	98	95
		Patient arrival time				
		12 Lead time stamp				
	Transmission<5 min after acquisition	12 lead time stamp	95	98	97	95
		Transmission time				
	Transport to PCI center	Destination location field				
		Agency				
Behavioral	Positioning other than prone	Positioning menu item				
	Continuous pulse oximetry/EtCO2	Vital Signs pulse oximetry				
		Vital Signs End tidal CO2 monitoring				
Heat Exposure	Provide hydration	Procedure vascular access				
		Medications				
		Oral hydration: TBD				
	Monitored vital signs	Vital Signs				
	Monitored GCS	Vital Signs GCS				
Adult airway	Preoxygenation	TBD				
	Continuous pulse oximetry/EtCO2	Vital Signs pulse oximetry				
		Vital Signs End tidal CO2 monitoring				
	No more than 3 attempts at advanced airway per provider	AirwayETT verification				
	Incident #					
						98

FY2020 Q4 Field Coordinator Other Activities:

- July 7 – Meeting with Dr. Wilcoxson; BREMS Staff Meeting
- July 13 - Meeting with Dr. Wilcoxson
- July 14 - Pharmacy meeting & paperwork
- July 28 - Office day
- Aug 5 - Meeting with Dr. Wilcoxson
- Aug 13 - BREMS Staff Meeting
- Aug 19 - Meeting with Dr. Wilcoxson
- Aug 19 - BREMS Staff Meeting
- Aug 20 - Meeting with Dr. Wilcoxson; Biospatial Training
- Aug 26 - Training with Sean Regan to show him Image Trend Elite
- Aug 26 - Meeting with Dr. Wilcoxson
- Sept 2 - Meeting with Dr. Wilcoxson
- Sept 2 - BREMS Staff Meeting
- Sept 10 - Meeting with Dr. Wilcoxson
- Sept 16 - Meeting with Dr. Wilcoxson