

Washington State Department of Health
EMS & Trauma Care Steering Committee

Draft MEETING MINUTES

November 16, 2022

Meeting held virtually by ZOOM

ATTENDEES:

Committee Members:

Ken Anderson	Beki Hammons	Lila O'Mahony, MD
Tim Bax, MD	Mike Hilley	Scott Phillips, MD
Carly Bean	Joe Hoffman, MD	Bryce Robinson, MD
Cameron Buck, MD	Rhonda Holden	Erik Roedel, MD
Tom Chavez	David Likosky, MD	Peter Rutherford, MD
Christine Clutter	Shaughn Maxwell	Courtney Stewart
Eric Cooper, MD	Denise McCurdy	Mark Taylor
Brian Fuhs, MD	Pat McMahan	Ken Woffenden
Madeleine Geraghty, MD	Brenda Nelson	

DOH Staff:

Alan Abe	Adam Gallion	Tim Orcutt
Christy Cammarata	Catie Holstein	Anne Oxenbridge
Ian Corbridge	Jim Jansen	Adam Rovang
Eric Dean	Jennifer Landacre	Jeff Sinanian
Dawn Felt	Ihsan Mahdi	Sarah Studebaker
Marla Emde	Matt Nelson	Hailey Thacker
Dolly Fernandes	John Nokes	
Nicole Fernandus	Jason Norris	

Guests:

Emily Agudo	Karen Kettner	Paul Ross
Trixie Anderson	David Lynde	Karly Schriever
Nadja Baker	Carolynn Morris	Traci Stockwell
Katherine Bendickson	Jim Nania, MD	Cheryl Stromberg
Shelley Briggs	Mary O'Hare	Timothy Wade
Eileen Bulger, MD	Norma Pancake	Deborah Walker
Cindy Button	Tammy Pettis	Jet Washington
Rinita Cook	Greg Perry	Zita Wiltgen
Janna Finley	Heather Quinones	Deborah Woolard, MD
Kristy Gradel	Wendy Rife	Scott Zachau
Tim Hoover	Randi Riesenber	
Brian Ireton	Joseph Rodrigues	

Call to Order: Eric Cooper, MD, Chair

Minutes from September 21, 2022
Handout

Motion #1

Approve the September 21, 2022 EMS and Trauma Care Steering Committee meeting minutes. Approved unanimously.

DOH and OCHS Updates: Ian Corbridge, DOH
PowerPoint Presentation

Ian Corbridge provided an update for DOH and WA Health and shared that the acute care hospital bed capacity for the last three days remains tight at above 95%. Pediatric Emergency Department visits in particular are increasing rapidly. We are seeing a rapid increase in flu hospitalizations and a decrease in COVID-19 hospitalizations this month. DOH is currently focused on surge decompression efforts including activating surge plans, engaging the DOH multi agency coordinating group (MAC-G), expanding hospital medical surge beds under existing waiver process and processing requests for physical changes to hospital facilities to manage surge.

Personnel Updates: Dolly Fernandes, DOH

Marla Emde has joined DOH as the Injury and Violence Prevention Specialist and will be taking over from Alan Abe who is leaving DOH at the end of the year. Marla has a strong background and experience in leading public health programs and specifically fall prevention programs.

We are currently recruiting for the Trauma Designation Administrator position and plan to do interviews at the end of November.

DOH Rules Updates:**Trauma Designation Rules:** Tim Orcutt, DOH

Tim gave an update on the revision of trauma designation WAC 246-976-580. These rules were opened in 2021. The intent of the revision is to set in rule clear requirements and criteria for assessing access to level I and II trauma centers and to define criteria to determine which facilities can apply as a new level I or II trauma center. Six rule revision workshops have been conducted with broad stakeholder input. The first Draft Rule was sent to stakeholders and interested parties in September and again on November 2, 2022. A second Draft Rule has been developed based on comments received and will be distributed this month. The draft rules are also posted on the DOH Trauma Designation Rules webpage. If you unable to access it and would like a copy, please let Tim know. The next rules workshop meeting is scheduled for January 4, 2023 (1000-1200). If you did not receive an invite but would like to attend, please email Tim and he will add you to the calendar invite with meeting link. Rule related comments can be sent to the DOH Trauma Designation Rules Public Comments email address traumadesignation@doh.wa.gov or tim.orcutt@doh.wa.gov or dolly.fernandes@doh.wa.gov

EMS Rules: Dolly Fernandes, DOH

Dolly provided the update for Catie Holstein. The EMS Program is continuing to work on the CR 102 package for the EMS rules and plans to have it ready for review by the end of the calendar year.

WEMISIS Rules: Jim Jansen, DOH

We are also working on our CR102 package and plan to conclude the period of public comment by the end of 2022 and conclude our CR103 in spring 2023. We are looking to have the rules and requirements for reporting to WEMISIS completed and finalized at that time.

Trauma Registry Update: Jim Jansen, DOH

Jim shared the good news that the waiver request to the state security office to allow DOH to continue to use the current vendor's (ESO) system for one or two years was approved. This now buys us time to mitigate the issues and identify an alternate solution that meets state security requirements.

Hospitals have been submitting their trauma data to the current platform online to date. Now DOH will be working on processing this data and anticipate having it ready to utilize for analysis by mid 2023. DOH will work with hospitals to accept data in a staged approach that limits burden on registrars while data is validated. More detailed discussion around this process will occur in the Trauma Registry Workgroup, under the Hospital TAC.

Chair Election: Mark Taylor, Nominations Committee Chair

Mark Taylor announced that we are very fortunate to have two nominees for the chair position and both accepted the nomination: Dr. Tim Bax and Dr. Cameron Buck. He asked them to share their background and interest in chairing the committee.

Dr. Tim Bax shared that he is a trauma surgeon and practices at the Level II trauma center, Sacred Heart Medical Center, in Spokane. He has a good understanding of the trauma system and is very interested in getting the trauma registry up and running.

Dr. Cameron Buck shared that he is honored to be considered with Dr. Bax. He has been the Emergency Department Medical Director at Valley Medical Center for about 10 years and has a diverse background in emergency medicine. He is very interested in quality care improvement.

Next 23 steering committee members attending the virtual meeting voted for the chair by participating in a confidential survey administered by Jeff Sinanian from DOH. The survey results were shown in real time and Dr. Cameron Buck received the majority of the votes and declared the new chair for the committee.

Dolly reminded the committee that there will be no chair election in March 2023 and the next chair election will be in March 2024.

Discussion ensued on interest in the committee needing a vice chair and appointing Dr. Bax as vice chair. Dolly explained that the committee has historically not had a vice chair since about 2010 and if the committee wished to have a vice chair, the By Laws would need to be updated. The committee decided to take a vote on updating the By Laws to include a vice chair. Dr. Bax suggested that the By Laws should also clarify how the vice chair is determined, terms, and so on.

Motion#2

The By Laws should be reviewed and updated to include a vice chair and process for determining vice chair also be included.

Approved Unanimously.

Dr. Buck

Cardiac and Stroke Study Update: Cameron Buck, MD, and Cardiac/Stroke Workgroup

The UW Team conducting the study are making good progress on their research and have reviewed CDC and National Guidelines for cardiac and stroke, other states cardiac and stroke systems and Washington's work on C/S in the last several years. They have started a data landscape analysis including a literature search and meetings with the DOH data team. They are focusing on the data systems needed and will be talking with other states, including Idaho, Michigan and Virginia about their time sensitive emergency systems of care, looking at current state and comparing to other states.

Strategic Plan Status Reports

EMS Annual Data Report - Trauma Triage Protocol: Ihsan Mahdi, DOH Epidemiologist PowerPoint Presentation

WEMSIS data report to investigate the Washington EMS information System (WEMSIS) and compliance with the prehospital triage (destination) tool for step 1 and 2 trauma patients. The following data information was presented:

- Statewide in 2021: 76% non-trauma 911 transports and 24% trauma 911 transports
- 93% transported to a designated trauma center; 7% transported to non-designated trauma hospital
- 91% transport time \leq 30 minutes; 9% transport time $>$ 30 minutes

- 84% meet trauma triage protocol goals
- Hospital name for Step 1 & 2 transports not taken to a trauma center
- Reasons for not taking to a trauma center: closest facility, patients choice, protocol, family choice
- % Of step 1 & 2 transports not taken to a trauma center by region
- Step 1 & 2 transports to a DTS by level
- Counts & % of step 1 & 2 trauma patients not taken to a trauma center by age and sex
- Step 1 & 2 patient records with documented pre-arrival alert

Conclusions: Most step 1 & 2 trauma EMS responses follow recommended procedure transportation to a trauma designated center in less than 30 minutes. Most step 1 & 2 transports are transported to the highest level or next highest level trauma center. The most common documented reason for selecting destination when not transporting to a trauma center is distance. Although Step 1&2 Trauma patients were more men than women, the prevalence of not being transported to a trauma center was higher among women across different age groups.

Emergency Cardiac and Stroke TAC Date Report 2022, Jim Jansen, DOH

PowerPoint Presentation

Jim shared the measures for review included: Hospital and Mortality rates, EMS arrival time, LKW to arrival time, Door to needle time, tPA administration, reperfusion therapy, door in door out time, EMS Key Performance Indicators (KPIs). He presented 2021 data:

- Diseases of the heart is 2nd leading cause of death and mortality in 2020 for WA
- Mortality trend for stroke and cardiac decreasing slightly in last 10 years
- Hospitalizations rate trend decreasing more for cardiac than stroke in last 4 years
- Get with the Guidelines from AHA. Limitations: comprehensive data only accessible via predefined measures, not all hospitals report to GWTG, does not require reporting of all cases for all hospitals (i.e., sampling)
- Transports arrived by EMS. State=48%; regions= 39% - 64%
- LKW to arrival at hospital. State=267; regions=192 – 326 (median minutes)
- Door to Needle time (median minutes). State=43, regions=35 – 51
- Ischemic strokes received IV tPA. State=15%, regions 8% - 20%
- %Ischemic stroke received IA catheter-based reperfusion. State=6%; regions=0-14%
- Door in/Door out. State=7%, regions=0-12%

Joey Rodriguez pointed out that the Prehospital TAC is also doing some work on updating protocols and procedures.

Cost TAC Annual Report 2022, Eric Dean, DOH
PowerPoint Presentation

Eric provided a presentation on the Trauma Care Fund and strategic plan. He covered the background and revenue sources, the flow of trauma care funds from Department of Licensing and County and City Courts, \$18,821,124 was disbursed last year to recipients of these funds, and the fund revenue total by fiscal year from 1999 to 2022 showing declining revenue.

The goal of the Cost TAC is to work toward sustainable emergency care funding, enhance workforce development and demonstrate impact on patient outcomes. The objective is to identify, recommend, and implement strategies to support emergency care system sustainability. The strategy that will be used to meet this is to explore use of data to focus on health equity issues.

Rehab TAC Annual Report: Tim Orcutt, DOH
PowerPoint Presentation

Tim presented the Rehab TAC Annual Report for 2022. There are four Level I Designated Trauma Rehab facilities and five Level II Designated Trauma Rehab facilities. Trauma Rehab Designation is a three year designation based on standards by the Commission on Accreditation of Rehab Facilities. Chris Clutter is the chair and the mission of the TAC is to improve long term outcomes of patients through statewide collaboration, education and research.

The TACs strategic plan has four objectives of which two are completed and two are in progress:

1. Increase awareness of the benefits of inpatient rehab care following injury. Completed.
2. Use rehab registry data to develop best practices, inform decision making, and aid in system analysis. In progress.
3. Review and/or revise trauma rehab rules. In progress.
4. Develop a means to track rehab specialty services. Completed.

In the coming year the Rehab TAC plans to work on:

- Updating their strategic plan
- Improving access to rehab care
- Focusing on measures
- Identifying areas of improvement
- Strategies to accomplish objectives

Committee Business: Dolly Fernandes, DOH

2023 EMS and Trauma Committee Meeting Calendar: Dolly shared the 2023 calendar for steering committee meetings. Meetings will continue to be held virtually.

Vacancies on Committee: There are two vacancies on the committee with Dr. Cooper and Chris Clem resigning. The vacancies are for the American College of Emergency Physicians (ACEP)

and Washington Ambulance Association (WAA) positions. Applicants will need to be endorsed by these organizations.

Thank You Dr. Cooper: The committee thanked Dr. Cooper for his leadership of the EMS and Trauma Care Steering Committee and shared messages of appreciation in chat.

Technical Advisory Committee Reports

Hospital TAC: Mark Taylor, chair

There was an update on the Trauma Registry and Trauma Designation rules. Much interest in getting data updated so that we can do data analysis. A data quality workgroup is being formed to work on this.

Injury and Violence prevention TAC: Dolly Fernandes, DOH

Next TAC meeting is scheduled for December 7th from 9 to 11 am. Several presentations on fall prevention programs including one from Valley Medical Center.

Outcomes TAC: Cameron Buck, MD, chair (Bryce Robinson, MD, co-chair)

The TAC met on October 24th and reviewed the data presentations for Rehab performance measures and started looking at Outcomes TAC rolled up measures. Next meeting is January 6th and the focus will be on Hospital data. Dr. Buck asked that Dr. Robinson take over chairing the Outcomes TAC now that he is elected chair of the Steering Committee. Dr. Robinson responded that he is happy to help as needed.

Pediatric TAC: Matt Nelson, DOH

The pediatric TAC decided not to meet in November due to pediatric RSV/Flu surge. They will reconvene on January 18th where Dr. Eileen Klein will provide an update on HRSA grant funded PECARN research. We will also be introducing our newly recruited FAN rep Jill McCormick who will provide an overview of her proposed initiatives. We will also hold further discussion on next state partnership project period beginning on 4/1.

Regional Advisory TAC: Hailey Thatcher, DOH

Ihsan Mahdi presented the EMS KPI data report to the RAC at their last meeting. The RAC TAC is working on their strategic plan for 23-25 and next meeting is January 17, 2023.

Rehab TAC: Chris Clutter, chair

No update since annual report presented today. Chris Clutter praised the Rehab TAC for having great engagement and thanked Tim Orcutt for his great leadership and support.

Medical Program Directors: Jim Nania, MD

The MPDs met on November 14th and reviewed the Washington State Fire Chiefs sponsored advanced airway course. It is well constructed and Dr. Nania anticipates it will get used and is a good adjunct to current training. Dr. Nania thanked Dr. Cooper for his leadership of the EMS and Trauma Care Steering Committee and for being the first Washington Emergency Physician to get his subspecialty certification in EMS.

Emergency Cardiac and Stroke TAC: Cameron Buck, MD, chair

The ECS TAC met yesterday, 11/15, and had an update on the 2022 cardiac and stroke study legislation. The TAC discussed stroke and including BEFAST in guidelines. The TAC selected 2-3 performance measures for Stroke. Coming up with measures for Cardiac is more difficult as we don't have a robust data collection system for cardiac. Need a better definition for it and Dr. Fuhs will help with this effort. Jamie Emmett may help with a pilot once measures for cardiac are developed. Next meeting is on 2/21/23.

Prehospital TAC: Dawn Felt, DOH

The PHTAC met on 10/19 and went over DOH implementation of legislation passed this year, rules, sunsetting EMS waivers under the emergency declaration, National Registry EMT ALS redesign and SGA curriculum and KPI report. There was also a presentation by Tacoma Fire Department on mental wellness for EMS Providers and the release of their video "The Call we Carry: Confronting PTSD in the Fire Service".

Meeting adjourned at 1:00 pm

Next meeting is on January 18, 2023.