



Emergency Medical Services Council

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Draft Summary
HENNEPIN COUNTY EMS COUNCIL MEETING
April 13, 2017 – 3:00-5:00 p.m.
Hopkins Fire Dept., 101 – 17th Ave. S., Hopkins, MN

Representation:

Abbott Northwestern Hospital: Administrator
Jennifer McAnnany (Reg.) **present**
Vacant (Alt.)

Abbott Northwestern Hospital: Emergency physician
Wade Brennom, M.D. (Reg.)
Marc Ellingson, M.D. (Alt.) **present**

Children's Hospitals & Clinics: Administrator
Paula Kocken, M.D. (Reg.) **present**
Rob Sicoli, M.D. (Alt.)

Children's Hospitals & Clinics: Emergency
physician
Michelle London, M.D. (Reg.) **present**
David Hirschman, M.D. (Alt.)

Fairview Southdale Hospital: Administrator
Maribeth Woitas (Reg.)
Eric Joncas (Alt.)

Fairview Southdale Hospital: Emergency
physician
Todd R. Joing, M.D. (Reg.) **present**
Brandon Trigger, M.D. (Alt.)

Fairview University Hospital: Administrator
Juli Thomas (Reg.) **present**
Mandy Seymour (Alt.) **present**

Fairview University Hospital: Emergency physician
Greg Loppnow, M.D. (Reg.) **present**
Nik Vuljaj, M.D. (Alt.) **present**

HCMC: Administrator
Wendy Lynch (Reg.) **present**
Kelly Spratt (Alt.)

HCMC: Emergency physician
Nick Simpson, M.D. (Reg.) **present**
John Hick, M.D. (Alt.)

Maple Grove Hospital: Administrator
Jeff Miller (Reg.) **present**
Holly Hughes (Alt.)

Maple Grove Hospital: Emergency physician
Jeffrey Elder, M.D. (Reg.) **present**
Vacant (Alt.)

Methodist Hospital: Administrator
Eric Graff, RN (Reg.) **present**
Megan Grewe (Alt.) **present**

Methodist Hospital: Emergency
physician
Michael Seim, M.D. (Reg.)
Michael Knudson, M.D. (Alt.)

North Memorial Medical Center: Administrator
Jake John (Reg.)
Vacant (Alt.)

North Memorial Medical Center: Emergency
physician
Marc Conterato, M.D. (Reg.) **present**
John Lyng, M.D. (Alt.)

Allina Health System EMS
Brian LaCroix (Reg.)-
Bill Snoke as proxy - **present**
Jeff Czyson (Alt.)

**Allina Health System EMS – Ambulance Medical
Director**
Charles Lick, M.D. (Reg.) **present**
Andrew Stevens, M.D. (Alt.)

Edina Fire and Ambulance Service
Jeff Seims, Asst. Chief (Reg.) **present**
Craig Essig (Alt.)

Edina Fire and Ambulance Service – Ambulance Medical Director
Paul Nystrom, M.D. (Reg.) **present**
Jeff Ho, M.D. (Alt.)

Hennepin EMS
Doug Gesme (Reg.) **present**
Dave Rogers (Alt.)

Hennepin EMS – Ambulance Medical Director
Jeff Ho, M.D. (Reg.)
Nick Simpson, M.D. (Alt.) **present**

North Memorial Ambulance
Pat Coyne (Reg.) **present**
Shannon Gollnick (Alt.)
present

North Memorial Ambulance – Ambulance Medical Director
John Lyng, M.D. (Reg.)
G. Patrick Lilja, M.D. (Alt.)

Ridgeview Ambulance Service
John Prondzinski (Reg.)
Darel Radde (Alt.) **present**

Ridgeview Ambulance Service – Ambulance Medical Director
Kevin Sipprell, M.D. (Reg.) **present**
Dave Larson. M.D. (Alt.)

At-large Paramedic
Mike Hughes, EMT-P (Edina) **present**

ALS Dispatch
Victoria Peckman (Allina) **present**

Primary PSAP
Heather Hunt, ENP (Minneapolis
Emergency Communication Center)
Janelle Harris as proxy **present**

Hennepin County Chiefs of Police Association
Dan Conboy, Lt. (Reg.)
Vacant (Alt.)

Hennepin County Fire Chiefs Association
Dale Specken, Chief (Reg.) **present**
Mike Dobesh, Asst. Chief (Alt.)

Hennepin County Human Services and Public Health Department: administrator (ex-officio)
Susan Palchick, Public Health Director (Reg.)
present
Jim Mara (Alt.)

Public representative without EMS industry affiliation
Gretchen Musicant (Reg.) **present**

Guests: Nick Pierce, Intern, Hennepin County Public Health

Staff: Matthew Maxwell, Kristin Mellstrom

Welcome and Introductions. Chair Coyne called the meeting to order at 3:04 p.m.

Approval of today's agenda. Approved.

Approval of meeting summary from October 13, 2016. Approved

Approval of EMS Council proxies and appointments to Council and Committees. The following proxy requests and nominations to the EMS Council were approved:

Proxy Requests:

Bill Snoke as a proxy for Brian LaCroix, rep. (Reg.) Other, for Allina Health EMS on the EMS Council
Janelle Harris as proxy for Heather Hunt, Primary PSAP rep.

EMS Council

- Nick Simpson, M.D. to fill vacant seat as emergency physician (Reg.) for Hennepin County Medical Center
- Jake John, to fill vacant seat as Admin. (Reg.) rep. for North Memorial Medical Center
- Megan Grewe, to fill vacant seat as Admin. (Alt.) rep for Methodist Hospital
- Jeff Siems, Asst. Chief, to fill vacant seat as (Reg.) rep. for Edina Fire Dept.: Other,
- Nick Simpson, M.D. to fill vacant seat as ambulance medical director (Alt.) rep. for Hennepin EMS
- Kelly Spratt to replace Kathy Wilde as Admin. (Alt.) rep. for Hennepin County Medical Center
- Shannon Gollnick to fill vacant seat as (Alt.) rep. for North Memorial Ambulance Service: Other

Operations Committee

- Jeff Siems, Asst. Chief, to fill vacant seat for Edina Fire Dept. as a rep. from each unscheduled ambulance service operating in Hennepin County
- Shannon Gollnick to fill vacant seat for North Memorial Ambulance Service as a rep. from each unscheduled ambulance service operating in Hennepin County

Medical Standards Committee

- Kelly Simon (U-MN Med. Center/Fairview) to fill open vacant seat as Administrator at a Medical Control Hospital on Medical Standards Committee

Quality Committee

- Brent Custard to fill vacant seat for North Memorial Ambulance Service as Clinical Quality Rep. on the Quality Committee from each ambulance service

Report by Mike Hughes, EMT-P, Chair of the Ambulance Service Personnel Subcommittee

The subcommittee continues to review all proposed new protocols and requests for changes to existing protocols quarterly. Three protocols are currently being reviewed: OB Complications, Newborn Emergencies, and Labor and Delivery. A review of the formulary will begin at the next subcommittee meeting.

Report by Dr. Kevin Siprell, Chair of the Ambulance Medical Directors Subcommittee

Protocols

Several protocols were approved by the Medical Standards Committee and forwarded to the EMS Council for action at today's meeting:

- a. MAST/PCT – References to MAST/PCT were removed from the protocol book.
- b. Pediatric Severe Nausea/Vomiting – Added repeat Zofran dose and IO route
- c. Pediatric Drug Ingestion and OD – Protocol title changed to Drug Overdose; eliminated tricyclic overdose language; mirrored adult language for hold requirement for suspected OD; and added glucagon and calcium chloride to after obtaining verbal orders

- d. Pediatric Croup and Epiglottitis – Protocol title changed to Croup to focus on croup treatment
- e. Pediatric Asthma (Breathing) – Repeat breathing treatments changed to “as needed” versus limited to one; removed After Obtaining Verbal Orders (AOVO) and shifted contents (terbutaline and magnesium sulfate) to standing orders; eliminated “consider ET intubation” and inserted “advanced airway for impending respiratory failure”
- f. Pediatric Asthma Attack (Not Breathing) – Added option for nasal airway and eliminated specific named advanced airway devices and replaced with “advanced airway;” replaced terbutaline with epinephrine; added option for continuous in-line nebulizer treatment; manual exhalation now required, not dependent on patient’s lung deflation; added an option for magnesium sulfate and eliminated “after obtaining verbal orders”
- g. Pediatric Bradycardia – Protocol title changed to “Symptomatic Bradycardia;” clarified when to begin chest compressions; limited Atropine for heart blocks or vagal etiologies only; eliminated after obtaining verbal orders

Dr. Sipprell noted Need to delete MAST/PCT from D-1

Dr. Kocken advised: A minimum dose of Atropine isn’t necessary in the protocol per a 2015 American Heart Association publication. Recommend amending the protocol to strike language indicating a minimum dose of Atropine.

- h. Oxygen Therapy Guideline – The “Adult Oxygen Therapy” and “Pediatric Oxygen Therapy” protocols have been merged into a new general oxygen therapy guideline. The stand-alone Adult Oxygen Therapy, and Pediatric Oxygen Therapy protocols will be deleted from the protocol book.
- i. Adult and Pediatric Unconscious Unknown – Paramedics will make a clinical decision about the patient’s condition and treat per that protocol. Protocol will be removed from the book.
- j. HazMat – Response to hazardous material incidents and HazMat guidelines are already covered by service-specific policies and state and federal regulation. Protocol will be removed from protocol book.
- k. Known Outbreak of Transmittable Respiratory Disease – Reviewed; no changes recommended.

Items on the AMD Subcommittee agenda:

- a. Pain Management – The subcommittee will review data from the pain management study conducted by the Quality Committee.
- b. Major Trauma Disposition – Discussion to update and align the EMS Council guideline with the 2011 CDC recommendations.

- c. Stroke/CVA Patient Disposition – Discussion of recommendations made in a Brain Attack Coalition report and possible disposition implications for Stroke/CVA patients are underway. Updates or changes to the current Stroke (CVA) Patient Disposition Protocol from the subcommittee are expected to be forwarded to the Medical Standards Committee this fall then sent to the EMS Council members for comment. Proposed changes to the protocol would be moved to the EMS Council for action in April 2018 or later.
- d. STEMI System Policy– The current STEMI system and policy has existed without changes since 2004. EMS Unit staff is collecting de-identified aggregate data from STEMI-receiving hospitals for the AMD subcommittee to review and make recommendations to update the policy.
- e. Hospital Diversion for Stroke or STEMI – The addition of closure options for Stroke/CVA and STEMI and how these could be closures could be managed and communicated from hospitals to ambulance services is being considered.

Items removed from the AMD Subcommittee agenda:

- a. Peer Review Process – Development of a peer review process within the EMS Council was considered, however, due to the complexity, legal requirements and lack of need to create a new, separate committee on the EMS Council to review QA/QI the subcommittee decided to end discussion on this topic.
- b. Hospital Destination Matrix – Due to growth in campus systems and stand-alone EDs and complexities they present for EMS, the subcommittee discussed the development of a destination matrix listing specific patient conditions each hospital emergency department prefers to receive. Ultimately, the Subcommittee decided that a complex destination matrix would not be a useful tool for EMS providers.

Report by Dr. Michelle London, Chair of the Medical Standards Committee

MNTrac Hospital Closure Data – Annual report Jan.-Dec. 2016 was reviewed. No action was taken.

Action Items for the EMS Council (see AMD report above for summaries of protocols):

- a. **Approved** - Standards for Medical Control for Hospitals and Physicians – Radio Checks - An amendment to the current standard requires each Hennepin County Medical Control Hospital to conduct a monthly radio check with West MRCC.
- b. **Approved** - Protocol Recommendations- Proposed changes described in the Ambulance Medical Directors’ Subcommittee report and below for the following protocols were approved, with an amendment noted below.
 - MAST/PCT references (8 protocols)
 - Pediatric Severe Nausea & Vomiting
 - Pediatric Drug Ingestion or Overdose
 - Pediatric Croup & Epiglottitis (Note: Strike “Epiglottitis” from the new protocol title, as proposed in the mocked-up version)
 - Pediatric Asthma Attack (patient is breathing)

- Pediatric Asthma Attack (patient is not breathing)
- Pediatric Bradycardia (Amendment proposed: Delete minimum dose language for Atropine; strike PCT from the new protocol, as proposed in the mocked-up version)
- General Oxygen Therapy
- Adult Oxygen Therapy
- Pediatric Oxygen Therapy
- Adult Unconscious/Unknown Etiology
- Pediatric Unconscious/Unknown Etiology
- HazMat Response
- Known Outbreak of Transmittable Respiratory Illness (patient is breathing)
- Known Outbreak of Transmittable Respiratory Illness (patient is not breathing)

Report by Chief Dale Specken, Chair of the Operations Committee

EMS/Line of Duty Death (LODD) Ceremonies Protocols – The MN EMS Honor Guard presented a draft West Metro LODD Ceremonies Workbook to provide guidance to EMS. The workbook will be available by June 1, 2017 for use by ambulance services that choose to use these LODD ceremonies protocols.

EMS System Annual Report – With a goal to shift focus from RTS as the only publicized measurement of EMS system performance, the committee discussed whether a system annual report would provide value to county residents and/or elected city and county officials. The committee decided it would focus, instead, on RTS and current Ordinance 9 requirements. At the next meeting, the committee will decide whether it will forward a motion to the Executive Committee for creation of an ad hoc committee to review Ordinance 9 language to update it to better reflect current EMS best practices.

Report by Dr. Marc Conterato, Chair of the Quality Committee

Response Time Standard Compliance - Reviewed quarterly and year-end 2016 RTS data. No action was taken based on the data reviewed.

System-Based Patient Follow-up Process – The committee discussed the difficulties ambulance services face when conducting QI if hospitals are reluctant to provide patient outcome information, often due to HIPAA and MN Data Privacy Act concerns. Dr. Conterato drafted a position paper to frame future discussions as he and other committee members connect with the Asst. MN Attorney General and other potential partners to build support for a legislative approach that would remove challenges to data sharing between hospitals and EMS.

Report by Pat Coyne, Chair of the Executive Committee

Information presented by chairs of other committees covered all Executive Committee updates.

Other Updates – Public Health EMS Staff

The new electronic protocol book was posted to the Hennepin County Public Health EMS website

Jan. 1, 2017. The PDF is available to download or print from the website:
<http://www.co.hennepin.mn.us/ems> .

The new version of the electronic protocol book, which will be effective July 1, 2017, will be posted to the website on the effective date and updated printed copies will be distributed to services for their ambulances and to medical control hospitals. After the October, 2017 protocol book update, a follow up to the 2015 customer survey will be sent to paramedics evaluate the new format of the protocol book.

Reports by EMS affiliated agencies

Susan Palchick, Director, Hennepin County Public Health

An Ebola tabletop exercise is planned for May 4, 2017; EMS is included in this tabletop, which builds on one that was conducted last spring.

Kurt Bramer is the lead contact in planning for the Super Bowl at US Bank Stadium; more information will be available at the October council meeting.

Bill Snoke, proxy for Brain LaCroix, and Shannon Gollnick (North Memorial Ambulance Service) reported on a U.S. State Dept. full scale exercise that successfully moved eleven “High Consequence Infectious Disease” (HCID) patients to treatment centers around the U.S., including one patient each via North Memorial Ambulance and Allina Health EMS to University of MN Medical Center – West Bank. Feedback from exercise planners commended the metro area for its communications, planning and response capabilities to manage HCID patients.

Adjournment: The meeting adjourned at 3:51 p.m.

**Next EMS Council meeting – Thursday, Oct. 12, 2017, 3:00-5:00 p.m.
Hopkins Fire Dept., 101 - 17th Ave. S., Hopkins**

For meeting schedule, agendas and
summaries

<http://www.co.hennepin.mn.us/ems>

