



**Sierra – Sacramento Valley EMS Agency
Regional Emergency Medical Advisory Committee
(REMAC)**



MEETING MINUTES

Meeting Date

- **Tuesday, January 16, 2024**

A. Call to Order/Introductions

- Dr. Royer called the meeting to order at 9:00 am, all attendees introduced themselves.

B. Approval of Previous Minutes: September 19, 2023

- The minutes were unanimously approved by the committee with no changes.

C. Approval of Agenda

- The committee approved the agenda as written with no change.

D. Public Comment

- There were no comments.

E. S-SV EMS Policy Actions

Policy Actions for Final Review & Approval:

Policy	Name	Motion	Second	Committee Vote
1101	Vascular Access <ul style="list-style-type: none"> • There were no recommended changes to this policy. 	Jeremy Veldstra	Debbie Madding	Passed Unanimously
C-1	Non-Traumatic Cardiac Arrest <ul style="list-style-type: none"> • Changes from the previous meeting: Epinephrine 1:10,000 every 3-5 minutes with a max of 4 doses. • Highlighted Amiodarone. • On scene resuscitation went from 30 minutes to 20 minutes. • It was suggested to add a reminder to go to E-2, for Hypothermia, under the “Treat Reversible Causes” box. 	Dr. Iwai	Jeremy Veldstra	Passed Unanimously
C-2	Return of Spontaneous Circulation (ROSC) <ul style="list-style-type: none"> • No additional recommended changes. 	Dr. Iwai	Debbie Madding	Passed Unanimously

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Policy	Name	Motion	Second	Committee Vote
M-4	BLS Naloxone Administration for Suspected Opioid Overdose <ul style="list-style-type: none"> No additional recommended changes. 	Jeremy Veldstra	Debbie Madding	Passed Unanimously
P-2	Neonatal Resuscitation <ul style="list-style-type: none"> The numbering will be changed to reflect the adult protocols – so it's easier for the Medics to reference both. 	Dr. Iwai	Debbie Madding	Passed Unanimously
P-4	Pediatric Pulseless Arrest <ul style="list-style-type: none"> The numbering will change on this one. This mirrors the adult changes (including the Epinephrine). 	Dr. Iwai	Jeremy Veldstra	Passed Unanimously
307	Ambulance Patient Offload Time (APOT) <ul style="list-style-type: none"> On page 1, line 21, added "ambulance bay". On page 2, removed some of the policy language under Item A. On page 3, made various changes to the table to reflect the new NEMESIS 3.5 language. This will come back after the State starts implementing more guidance from AB40 (APOT). 	Dr. Iwai	Debbie Madding	Passed Unanimously
377	BLS Opt. Skills Base/Modified Base Hospital Medical Control Reqs. <ul style="list-style-type: none"> On page 2, line 21, removed "King LT or", due to everyone using iGel now. 	Dr. Iwai	Debbie Madding	Passed Unanimously
477	BLS Optional Skills Provider Approval/Requirements <ul style="list-style-type: none"> On page 2, line 21, removed "King LT or", due to everyone using iGel now. 	Dr. Iwai	Jeremy Veldstra	Passed Unanimously
701	ALS Provider Agency Inventory Requirements <ul style="list-style-type: none"> Pediatric iGel is mandatory. Fentanyl, IV Acetaminophen and Ketamine are mandatory, morphine has been removed. Ketamine could potentially be in short supply through 2025. 	Dr. Iwai	Debbie Madding	Passed Unanimously

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Policy	Name	Motion	Second	Committee Vote
702	ALS Specialty Program Provider Inventory Requirements <ul style="list-style-type: none"> • Made the pediatric iGel mandatory. • Under Medications Fentanyl, IV Acetaminophen and Ketamine are mandatory, morphine has been removed. • Because most providers can only buy 500 mg of Ketamine, the maximum will be updated to reflect this. • The March meeting there should be a new list of hemostatic dressings supplied by EMSA. 	Dr. Iwai	Debbie Madding	Passed Unanimously
C-3	Bradycardia With Pulses <ul style="list-style-type: none"> • Morphine is removed. 	Jeremy Veldstra	Dr. Iwai	Passed Unanimously
C-4	Tachycardia With Pulses <ul style="list-style-type: none"> • Morphine is removed. 	Jeremy Veldstra	Dr. Iwai	Passed Unanimously
C-6	Chest Discomfort/Suspected Acute Coronary Syndrome (ACS) <ul style="list-style-type: none"> • Morphine is removed. • On page 2, second box at the top, removed comment regarding giving patient morphine and fentanyl. 	Dr. Iwai	Jeremy Veldstra	Passed Unanimously
E-2	Hypothermia & Avalanche Resuscitation Under 'BLS' added 'Snow Immersion Suffocation' at the request of a Truckee-area Hospital.	Jeremy Veldstra	Dr. Iwai	Passed Unanimously
M-1	Allergic Reaction/Anaphylaxis <ul style="list-style-type: none"> • No recommended changes. 	Jeremy Veldstra	Dr. Iwai	Passed Unanimously
M-6	General Medical Treatment <ul style="list-style-type: none"> • The PAC committee had concerns regarding Sepsis being highlighted. • Nausea/Vomiting and Sepsis both are stand-alone now within this protocol. • There are now risk indicators and a shock index. 	Jeremy Veldstra	Dr. Iwai	Passed Unanimously

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Policy	Name	Motion	Second	Committee Vote
P-28	Suspected Pediatric Moderate/Severe Trauma Brain Injury (TBI) <ul style="list-style-type: none"> • The numbering will be changed. • Under BLS, added 'and pupil exam' to the first bullet point, and changed 'BVM' to 'positive pressure ventilation' to the fourth bullet point. • In the bottom yellow box, removed 'Consider advanced airway' to 'Supraglottic airway', and added a range of '35-39' mmHg after Target EtCO2. 	Dr. Iwai	Jeremy Veldstra	Passed Unanimously
M-8	Pain Management <ul style="list-style-type: none"> • There were too many options/choices for the Medics in the previous protocol. • Medics need to be able to treat chronic pain. • There was a need to incorporate Ketamine, Toradol, and Tylenol. • There were a handful of physicians that received this for review. It also went to the Trauma Committee. • For the October agenda, it was requested that results/changes be reported. 	Jeremy Veldstra	Debbie Madding	Passed Unanimously
R-3	Acute Respiratory Distress <ul style="list-style-type: none"> • No recommended changes. 	Dr. Iwai	Debbie Madding	Passed Unanimously
T-3	Suspected Moderate/Severe Trauma Brain Injury (TBI) <ul style="list-style-type: none"> • Under BLS, added 'and pupil exam' to the first bullet point, and changed 'BVM' to 'positive pressure ventilation' to the fourth bullet point. • Under 'ALS' the blood pressure was changed to 'SBP<110' 	Dr. Iwai	Jeremy Veldstra	Passed Unanimously
T-6	Traumatic Cardiac Arrest <ul style="list-style-type: none"> • Dr. Shatz, from UC Davis, created the majority of this protocol. • This emphasizes getting patients to the right hospital. 	Dr. Iwai	Debbie Madding	Passed Unanimously

F. EMS Aircraft Provider Updates

- No updates.

G. Ground EMS Provider Updates

- No updates.

H. Hospital Provider Updates

- Kaiser Roseville Medical Center – There is currently a lot of construction.
 - There is a new main entrance that opened on 12/11/23.
 - There is a new Leadhill ambulance entrance as of 1/8/24.
 - In June, the new parking structure on East Roseville Parkway will be opened.
 - The new tower will add about 36 rooms in 2027.
- UC Davis Medical Center – Construction continues.
 - Demolition has begun on the original hospital. They will be completely out on 3/31.
 - The new behavioral health area will open on 4/1.
 - The new EMS entrance has been pushed back to May.
 - The new Hyatt Regency being built for patients is supposed to go live in April.

I. S-SV EMS Agency Reports

- The new protocol app – several errors have been found.
 - The calculators had errors – the fix has been updated.
 - Please have users turn on their notifications – so they get updated information.
 - Please continue to let S-SV EMS know of any errors/issues with the app.
 - The policies/protocols issue has been fixed now as well.

I-1. EMS Data System

- S-SV appreciates the providers' working with S-SV to get the NEMSIS 3.5 version completed.
- The State is no longer accepting version 3.4 data.
- Reach out to Jeff McManus with any questions/concerns.

I-2. EMS Quality Management

- Working on the Regional Training Module and should have that out by early Q2 of 2024. Some of the topics will include pain management, human trafficking, GCS 13 vs Motor score.
- Airway management numbers continue to get worse. S-SV will look more closely at this in 2024 and will probably be the focus of provider audits.
- It's time to do the 5-year EMSQIP plan updates for all the providers.
 - The EMS Authority is working on updating EMSQIP.
 - The S-SV EMSQIP policy has been updated.
 - Brittany will be working with any providers that need help.
 - S-SV will be submitting their Regional EMSQIP plan to the State soon.
 - Brittany will be offering 3-4 Q&A sessions to help providers with their QIPs.

I-3. Regional Specialty Committees – no update.

I-4. Operations

- Last year S-SV conducted 2 RFPs.

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- The second one is for Colusa County – AMR got the winning bid.
 - They will start providing a service of 2 ALS units on a 24/hr. basis, which is a big improvement from the current one unit.
 - Enloe has been providing ambulance services to this area for years and years without making any money here. Mr. Poland thanked them for all their service. They will continue to service this area until the end of March.
- Glenn County will be subsidizing a 12-hr unit with Orland.
- In the past 60 days, 3 providers (in the S-SV EMS Region as well as NorCal) have ceased operations. S-SV EMS works with local providers to try and ensure as little interruption as possible.
- Please contact Patrick with any questions regarding this.

I-5. Regional Executive Director's Report

- Sacramento County is conducting an APOT summit that Patrick and John will attend in mid-February.
- Chapter 13 Regulations – The State EMS Authority has attempted to develop these new regulations for at least 10 years which will cover more LEMSA duties.

I-6. Medical Director's Report

- At the December EMDAC meeting, there was discussion about the State regulations.
- There are very few trial studies in California – because the trial study process is extremely onerous.
- With staffing shortages and more BLS units in the field, it would be great if BLS providers could give Ondansetron. EMTs can use supraglottic airways but can't technically do entitiled co2. The commitment from the Director and Medical Director of EMSA is that these cycle every 2 years. They're currently reviewing the Trauma Regulations. Hopefully improvements will be coming in many areas. With these processes, public comment is required – please give feedback when appropriate.

J. Next Meeting Date & Adjournment

- April 16, 2024, at 9:00 am.
- The meeting was adjourned at 10:26 am.