



**EMS MEDICAL DIRECTOR'S ADVISORY COMMITTEE  
BASE STATION PHYSICIANS' COMMITTEE**

Tuesday, October 24, 2024 | 11:00 am

Minutes/Notes

**1. CALL TO ORDER AND APPROVAL OF MINUTES (Dr. Jennifer Farah)**

Dr. Farah called the meeting to order at 11:00 am.

- BSPC/PAC meeting minutes from the September 24, 2024, minutes were approved.

**2. OPENING REMARKS (Dr. Kristi Koenig)**

- Introduced the upcoming agenda items for this meeting.
- A summary of seven EMS practices associated with higher rates of favorable neurological survival outcomes in OHCA.
- Update to the potential for IV fluid shortages.
- A special thank you to those EMS professionals who deployed for mutual aid in response to disasters across the country.
- Knowledge check/pop quiz on the criteria for ECPR inclusion.
- Next month EBM presentations will be in the form of short vignettes.
  - Naloxone in Cardiac Arrest.
  - Epinephrine in Cardiac Arrest.
  - Automatic vs. Manual Compression Devices.
- Dr. Frank Guyette presentation on Prehospital Research.

**3. DATA PRESENTATION (Colin King)**

- Presented data on Cardiac Arrest Outcomes and Bystander CPR.

**4. COUNTY REPORT HIGHLIGHTS (Michael Assof)**

- [2025-2026 EMS Treatment Protocol Revision](#) request for community input. Feedback period for input and/or potential revisions for the upcoming protocol cycle ends October 1, 2024. Next step for County staff to review submissions and supporting research to determine next steps. Draft protocols will be presented to BSPC in early 2025.
- EMSA announcement re-chaptering the EMS regulations with no anticipation of substantive changes. This takes effect January 1, 2025.
  - County Highlights: [Regulations | EMSA \(ca.gov\)](#)

**5. MEDICATION SHORTAGES (Michael Assof)**

- Continuously monitoring the ongoing situation regarding the hurricane.
- Memos: Guidance for conservation strategies.
  - [Monitoring the Effects of Hurricane Helene and East Coast Port Dockworker Strike on the Medical Supply Chain](#)
  - [Prehospital Guidance for Normal Saline Shortage Mitigation](#)
  - [Normal Saline Shortages – Guidance for EMS Providers](#)
- Use the medications shortage form to help keep us informed of any concern. County EMS Office website > EMS System > Medication Shortages. Review process and note Item 10 change now includes a shortage notification or temporary par waiver request form.

- Baxter recently posted a press release stating They activated seven plants across the global network to help increase their inventory availability. They increased US allocation levels, and progress continues cleaning up from the flooding they experienced. They plan to have production restarted by year end.

## **6. LEGISLATIVE UPDATE (Brian Christison)**

- Updates on SB AB 977 signed, AB 1843 signed, AB 1168 vetoed, AB 1792 vetoed, AB 1979 signed, AB 2225 signed, AB 2871 signed, AB 2859 signed, AB 3262 signed, AB 3275 signed, SB 1180 signed, SB 1238 signed, SB 1300 signed, SB 1464 signed.

## **7. RESEARCH UPDATES (Dr. Joelle Donofrio)**

- Grants Submitted: CAL-ROC's bundle of care (NIH review 11/7, PCORI grant submitted)
- Starting enrollment for the Prospective Trial: LiTES pain Study – Ketamine vs. Fentanyl for trauma patients.
- Retrospective studies in progress: Comparative review of EMS obstetrical protocols across California, FAST-ED Stroke, Prehospital Assessment and Treatment of Pediatric Patients in Respiratory Distress and A Review of Pediatric Cardiac Arrest & Termination of resuscitation Protocols Across California.
- Post analysis pending completion of manuscript: A multi-agency comparison of EMS resuscitation practices for pediatric versus adult patients in non-shockable cardiac arrest and Dispatcher and EMS provider Assessment of STEMI patients by Gender and Race.
- Research Presented in Los Vegas. Potential Impact of Direct to Waiting Room Triage on Ambulance Offload Delay.
- Submit for publication: Epidemiology of Neonatal Prehospital Care at the San Diego (US)-Tijuana (MX) International Border.
- Published/Accepted for publication: CAL-ROC Rationale and Development of a Prehospital Goal-Directed Bundle of Care to Prevent Rearrest after Return of Spontaneous Circulation and Evaluating the Current Breadth of RTC on Cardiac Arrest: A Scoping Review.

## **8. OPIOID EPIDEMIC MITIGATION (Tyler Meick)**

- Leave Behind Naloxone Program
  - Researching the downward trend of Leave Behind Naloxone.
  - Discussed contributing factors such as documentation section for LBN field, supply more readily available, and decline in opioid usage and overdoses.
  - Townhall held to get EMS community feedback citing concerns where the documentation section for the LBN field is located. Other feedback included reminders to supply LBN for accidental prescription overdoses.
  - Discussed future townhalls and surveys.
- Prehospital Buprenorphine Program
  - Continue to work on Quality Improvement Program.
  - AMR planning on expanding more units to the Central zone.

## **9. CARDIAC UPDATES**

- **CARES (Dr. Brad Schwartz)**
  - Discussed JAMA article Emergency Medical Service Agency Practices and Cardiac Arrest Survival.
    - Details of the study was discussed and order of most effect. Encouraging providers to: test simulation CPR every 6 months, CPR feedback device used during arrest, pit crew simulation every 6 months, training on mechanical devices at least once a year, capnography use, transport of STEMI, QA system to give feedback to crews.

- **Revive and Survive San Diego (Tyler Meick)**
  - Since January 1<sup>st</sup>- 231,255 San Diegans have been trained in bystander CPR. There have been 7,135 training sessions.
  - Thank you to all the training partners!
  - A new workgroup was created. A point-of-focus continue to be the K-12 training of students to prepare them to do bystander CPR.
  - Goals to participate in a large-scale event.
  - Revive and Survive Fundraiser, The Comedy Store, La Jolla. November 13, 2024, at 8:00 pm.
  - As a reminder visit the Revive and Survive website for the training calendar, and program participants, you can sign up to be a partner, submit your numbers for a training, or get other general information at <https://revivesurvive.ucsd.edu/>
  
- **San Diego Resuscitation Consortium (Michael Assof)**

In Follow up to SDRC 1<sup>st</sup> year in review presentation

  - Presented a deeper dive to that data presented. This presentation included: Prehospital ECPR Alerts, those alert results and outcomes, prehospital ECPR times, prehospital ECPR times & mileage, goal 1: Scene time < 15 minutes, goal 2: CA to ECPR receiving center < 45 minutes, goal 3: CA to ECMO <60 minutes.

**10. KNOWLEDGE CHECK:** Assessing which of the following criteria would activate a prehospital ECPR alert. Realtime results provided onscreen.

**11. ADDITIONAL QUESTIONS/BSPC ADJOURNMENT (Dr. Jennifer Farah)**

- The BSPC meeting was adjourned at 11:58 am.
- The next BSPC/PAC meeting is scheduled for Tuesday November 19, 2024.