



AGENDA



SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE

July 18, 2019

0900

**ICEMA
Training Rooms A & B
1425 South “D” Street
San Bernardino, CA 92408**

Purpose: Information Sharing
Meeting Facilitator: Art Andres
Timekeeper: Tom Lynch
Record Keeper: Jacquie Martin

	AGENDA ITEM	PERSON(S)	DISCUSSION/ACTION
I.	CALL TO ORDER	Art Andres	
II.	APPROVAL OF MINUTES	Art Andres	Action
III.	DISCUSSION/ACTION ITEMS		
	A. 2019 Goals 1. Emergency Medical Dispatch - Ad Hoc Committee Report	Art Andres Mike Bell	Discussion/Action
	B. ICEMA Updates 1. EMS Data Collection	Tom Lynch	Discussion
	C. Ambulance Patient Offload Delay (APOD)	Tom Lynch	Discussion
	D. Update on Ambulance Contract	Tom Lynch	Discussion
	E. Update on Comments from Workshop on EMS System	Tom Lynch	Discussion
	F. 2018 Annual Report - 2 nd Reading	Art Andres	Discussion/Action
	G. City County Conference Update	Art Andres	Discussion
IV.	EMS SYSTEM MANAGEMENT REPORTS <ul style="list-style-type: none"> • Trauma Reports - Annually • Base Hospital Statistics - Quarterly • Hospital Bed Delay Reports - Monthly Reports available at: http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx		Information
V.	PUBLIC COMMENT PERIOD		
VI.	REQUESTS FOR AGENDA ITEMS		
VII.	NEXT MEETING DATE: September 19, 2019		
VIII.	ADJOURNMENT		

The San Bernardino County Emergency Medical Care Committee (EMCC) meeting facility is accessible to persons with disabilities. If assistive listening devices or other auxiliary aids or services are needed in order to participate in the public meeting, requests should be made through the Inland Counties Emergency Medical Agency at least three (3) business days prior to the EMCC meeting. The telephone number is (909) 388-5823, and office is located at 1425 South “D” Street, San Bernardino, CA.



MINUTES



SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE

March 21, 2019
0900

AGENDA ITEM		DISCUSSION/ACTION	RESPONSIBLE PERSON(S)
I.	CALL TO ORDER	Meeting was called to order at 0901.	Art Andres
II.	APPROVAL OF MINUTES	The November 15, 2018, minutes were approved. Motion to approve. MSC: Diana McCafferty/John Gillison APPROVED Ayes: Diana McCafferty, Greg Christian, Stephen Higgins, Michael Smith, Art Andres, Mike Bell, Allen Francis, Art Rodriguez, John Gillison, Alan Green	Art Andres
III.	DISCUSSION/ACTION ITEMS		
	A. 2017 Goals	Goals for 2019 were discussed as follows: <ul style="list-style-type: none"> Emergency Medical Dispatch - Develop Request for Proposal (RFP) and Work Plan with target dates. Workshop to define the roles for the Medical Advisory and Systems Advisory Committees. 	Art Andres
	1. Emergency Medical Dispatch - Ad Hoc Committee #3 Update	Mike Bell presented an update from the Emergency Medical Dispatch (EMD) Ad Hoc Committee. The RFP for a consultant to work with the Ad Hoc Committee will go out to bid again in hopes to get more responses. EMD will be represented at the City County Conference on April 19, 2019. CAD to CAD funding is in place.	Mike Bell
	B. ICEMA Updates		
	1. EMS Data Collection	EMS Data Collection Report included in agenda packet for reference.	Tom Lynch
	C. Ambulance Patient Offload Delay (APOD)	The "transfer of care" conversion problem has been addressed.	Tom Lynch
	D. Update on Ambulance Contract	Contract extended to March 31, 2022. This will provide the time necessary for the County to schedule a workshop to discuss the future of ground ambulance services provided Countywide, to have the Board provide direction	Tom Lynch

		<p>to staff, and to allow enough time to implement the Board's direction.</p> <p>The workshop would include discussion items related to 1) either renegotiating current provider agreements or issuing a RFP for future emergency ground medical transportation services, 2) how to serve the unassigned EOAs, 3) how to fully implement priority dispatch, and 4) other ground ambulance related activities.</p> <p>In the meantime, County staff will work with a consultant to conduct stakeholder meetings if the Board directs the release of a RFP.</p> <p>County staff continues to work with AMR on revising language in the current contract for service-related enhancements.</p>	
	E. Update on Comments from Workshop on EMS System	<p>No update.</p> <p>John Gillison reached out to the new CEO McBride as an introduction to the committee.</p>	Tom Lynch
	F. Bylaws Update	<p>Bylaws included in agenda packet for reference.</p> <p>Motion to adopted the bylaws as written with no changes.</p> <p>MSC: Alan Green/Allen Francis APPROVED</p> <p>Ayes: Diana McCafferty, Greg Christian, Stephen Higgins, Michael Smith, Art Andres, Mike Bell, Allen Francis, Art Rodriguez, John Gillison, Alan Green</p>	Tom Lynch
	G. 2018 Annual Report - 1 st Reading	<p>2018 Annual Report included in agenda packet for reference.</p> <p>Mike Bell will send an update on EMD to be included in the report for 2nd reading review at the next meeting.</p>	Art Andres
	H. Election of Chair and Vice Chair	<p>Motion to elect Art Andres as Chair.</p> <p>MSC: John Gillison/Michael Smith APPROVED</p> <p>Motion to elect John Gillison as Vice Chair.</p> <p>MSC: Diana McCafferty/Art Rodriquez APPROVED</p> <p>Ayes: Diana McCafferty, Greg Christian, Stephen Higgins, Michael Smith, Art Andres, Mike Bell, Allen Francis, Art Rodriguez, John Gillison, Alan Green</p>	Art Andres

Emergency Medical Care Committee

March 21, 2019

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IV.	EMS SYSTEM MANAGEMENT REPORTS	<ul style="list-style-type: none"> • Trauma Reports - Annually • Base Hospital Statistics - Quarterly • Hospital Bed Delay Reports - Monthly Reports available at: http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx	
V.	PUBLIC COMMENT PERIOD		
VI.	REQUESTS FOR AGENDA ITEMS	- City County Conference Update	
VII.	NEXT MEETING DATE	May 16, 2019	
VIII.	ADJOURNMENT	Meeting was adjourned at 0953.	

Attendees:

MEMBER NAME	EMCC POSITION	ICEMA STAFF	TITLE
<input type="checkbox"/> VACANT	EMS Training Institution	<input checked="" type="checkbox"/> Tom Lynch	EMS Administrator
<input checked="" type="checkbox"/> Diana McCafferty	Private Ambulance Provider	<input checked="" type="checkbox"/> Ron Holk	EMS Coordinator
<input checked="" type="checkbox"/> Greg Christian	Hospital Administrator	<input checked="" type="checkbox"/> George Stone	Program Coordinator
<input checked="" type="checkbox"/> Stephen Higgins	Law Enforcement	<input checked="" type="checkbox"/> Jacquie Martin	Secretary
<input checked="" type="checkbox"/> Michael Smith	Fire Chief		
<input type="checkbox"/> Troy Pennington	Physician -Level II		
<input checked="" type="checkbox"/> Art Andres	EMT-P - Public Sector		
<input checked="" type="checkbox"/> Mike Bell	Emergency Medical Dispatch		
<input checked="" type="checkbox"/> Allen Francis	Nurse - MICN		
<input type="checkbox"/> VACANT	Air Ambulance Provider		
<input checked="" type="checkbox"/> Art Rodriguez	EMT-P - Private Sector		
<input type="checkbox"/> Richard Catalano	Physician - Level I		
<input checked="" type="checkbox"/> John Gillison	City Manager		
<input checked="" type="checkbox"/> Alan Green	Consumer Advocate		
<input type="checkbox"/> VACANT	Physician - ER		

Staff Report - EMCC

EMS Data Collection

IMAGETREND ePCR SOFTWARE - IMPLEMENTATION (NEMSIS V3)

Currently, 42 providers are utilizing the ImageTrend software. Total ePCRs in the ICEMA data system is 1,219,500.

Providers currently on ImageTrend ePCR (NEMSIS V3):

AMR - Rancho
AMR - Redlands
AMR - Victorville
Apple Valley Fire
Baker Ambulance (Needles)
Barstow Fire
Big Bear Fire
Big Pine Fire (Inyo County)
Cal Fire - San Bernardino
California Highway Patrol - Air Ops
Chino Valley Fire
Colton Fire Department
Combat Center Fire (Marine Corp - Twenty-nine Palms)
Desert Ambulance
Fort Irwin Fire
Independence Fire (Inyo County)
Loma Linda Fire
Lone Pine Fire (Inyo County)
Mammoth Lakes Fire Protection District (Mono County)
Marine Corps Logistics Base Fire (Barstow)
Marine Corps Mountain Warfare Fire Department (Mono County)
Mercy Air
Mono County Paramedics (Mono County)
Montclair Fire
Morongo Basin Ambulance
Morongo Valley Fire
Olancho/Cartago Fire (Inyo County)
Ontario Fire
Rancho Cucamonga Fire
Redlands Fire
Rialto Fire
Running Springs Fire
San Bernardino County Fire
San Bernardino County - Sheriff's Aviation
San Manuel Fire
Searles Valley Minerals
Sierra LifeFlight - Bishop (Inyo County)
Southern Inyo Fire (Inyo County)
Symons Ambulance (San Bernardino County)
Symons Ambulance (Inyo County)
Victorville Fire Department
White Mountain Fire Protection District (Mono County)
Yermo Fire

ePCR IMPLEMENTATION NEMSIS V3

ICEMA announced the dates of the NEMSIS V3 roll out to begin on February 6, 2017, with a completion date of February 28, 2017. On March 1, 2017, ICEMA providers went live reporting NEMSIS V3.4.0. ICEMA continues to hold meetings with providers.

IMAGETREND SOFTWARE

The purchase of ImageTrend Software was approved by the ICEMA Governing Board in November 2011.

Patient Registry - ICEMA continues to receive data from its Trauma, Stroke and STEMI registries.

Trial Studies and Pilot Programs - ICEMA developed and deployed specific forms for documentation related to the TXA Trial Study. The Ketamine Trial Study started April 1, 2018.

Community Paramedicine Pilot Program went live August 17, 2015. ICEMA is currently receiving ePCRs. Community Paramedicine documentation will remain on Field Bridge V2 after January 1, 2017.

With the passage of AB 1129 LEMSAs can no longer mandate a provider to use the LEMSA's data system or its vendor. ICEMA is in the process of releasing a data policy outlining the requirements of AB 1129 that mandates data reporting to the LEMSA. ICEMA will work with any provider to make the transition as smooth as possible, while ensuring patient continuity is maintained. It is ICEMA's desire to keep the process as close to the current process and not add any additional work to the downstream providers. **

** Mercy Air Services is approved to use third party vendor to report ePCR data to ICEMA effective April 1, 2019

** Ontario Fire Department - Testing Phase

STATE DATA REPOSITORY

Total ePCRs as of July 11, 2019, is 8,605,974.

Mark Roberts
07/18/19



SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE

2018 ANNUAL REPORT



INTRODUCTION

The purpose of this report is to present an overview of the discussions of the San Bernardino County Emergency Medical Care Committee (EMCC) for 2018. The role of the EMCC is to provide a communications platform for the diverse groups and individuals, which form the Emergency Medical Services (EMS) system in San Bernardino County. The EMCC also functions in an official capacity as an advisory group to the Board of Directors and the EMS Administrator for the Inland Counties Emergency Medical Agency (ICEMA), as outlined in State regulations.

EMCC MEMBERSHIP

The 2018 EMCC members were:

SEAT NO.	MEMBER	POSITION
1	Diana McCafferty	Private Ambulance Provider
2	Jim Holbrook Vacant as of July 10, 2018	EMT-P Training Institution (Chair)
3	Greg Christian	Hospital Administrator
4	Ramona Snipes Vacant as of July 10, 2018	ED Physician - Non-Trauma
5	John Gillison	City Manager/Deputy City Manager/Assistant Manager
6	Alan Green	Consumer Advocate
7	Michael Smith	Fire Chief
8	Stephen Higgins	Law Enforcement
9	Art Andres	EMT/Paramedic - Public Sector (Vice - Chair)
10	Mike Bell	Emergency Medical Dispatch/Communications
11	Allen Francis	Nurse - MICN
12	Troy Pennington	Physician - Level II Trauma
13	Vacant	Air Ambulance Provider
14	Richard Catalano	Physician - Level I Trauma
15	Arthur Rodriguez	EMT/Paramedic - Private Sector

The EMCC position representing Air Ambulance Provider continued to be unfilled during the 2018 sessions. This vacancy originated during the 2017 sessions. Due to personal resignations, the EMCC positions representing EMT-P Training Institution and ED Physician - Non-Trauma became vacant during the 2018 sessions.

All EMCC members are in compliance with the requirements for ethics training as defined by Article 2.4 of Chapter 2 of Title 5 of the Government Code (AB 1234).

PERSONNEL AND TRAINING

The San Bernardino County EMS system currently consists of over 5 thousand credentialed EMS personnel providing prehospital patient care to the citizens of San Bernardino County. Further, the San Bernardino County EMS system also consists of 19 hospitals in the County and more than 6 out of County hospitals receive patients from the system. Over 30 EMS providers both public and private serve the County.

In addition to the standard dynamic processes of complex coupled organizations, much of the 2018 year was dedicated to advancing the unique operational needs of our system. For example, San Bernardino County fully converted to the National EMS Information System Version 3 (NEMSIS V3) data collection system.

ICEMA was a significant contributor to the Tranexamic Acid (TXA) Trial Study that concluded in 2018. The study enrolled over 724 patients. The findings of a study published in the Western Journal of Emergency Medicine suggest that TXA use in the civilian prehospital setting improves survival in patients who have sustained a traumatic injury with signs of hemorrhagic shock. The California Commission on EMS also reviewed the results of the study and approved the addition of TXA to the optional scope of practice for California paramedics. The California EMS Authority then approved the ICEMA Medical Director's request to add TXA to the local optional scope of practice.

ICEMA, on behalf of San Bernardino County, began reporting out-of-hospital cardiac arrest (OHCA) data to the Cardiac Arrest Registry to Enhance Survival (CARES) Registry. The CARES Registry will publish the 2018 data upon completion of an audit of data accuracy. Additionally, the Ambulance Patient Offload Delay (APOD) issue continues to be under review. There are significant and complex issues affecting the transfer of patients from ambulances to hospital emergency departments. Providers at multiple levels continue to focus on resolutions.

Overall, the San Bernardino County EMS system continues to advance all levels of patient care.

COMMUNICATIONS

The EMS system continued to document progress in data collection and analysis during 2018 meetings through the implementation of NEMSIS V3 software. The EMCC can report that a fully implemented, high functioning countywide electronic data collection system is operational.

The EMCC formed an Ad Hoc subcommittee to focus on Emergency Medical Dispatch (EMD). There was broad-spectrum participation on the subcommittee. The committee purpose is "To work collaboratively to identify and recommend strategies that leverage the benefits of the emergency medical dispatch protocol for improving system efficiency and performance while ensuring patient and provider safety." The EMCC received a comprehensive report and recommendations to move forward with a project to study the feasibility of developing an Emergency Community Nurse System (ECNS) by leveraging the EMD protocols currently in the region's 9-1-1 Fire/EMS dispatch centers. A Request for Proposal has been issued to hire a consultant to assist the committee with this project. The committee is working closely with the San Bernardino Council of Governments (SB COG) on this project. The EMCC has established a goal to have a working plan developed by the end of 2019.

TRANSPORTATION

The EMCC provided input to transportation issues including air ambulance and ground transportation. The AMR agreement was extended until March 31, 2019.

ASSESSMENT OF HOSPITALS AND CRITICAL CARE CENTERS

San Bernardino County's EMS system continues to advance its specialty care system through implementation and enhancement of the STEMI (cardiac) and stroke systems. Importantly, the

STEMI, stroke and trauma specialty care continuous quality improvement committees continue to reevaluate the system. Through the implementation and the continuous refinement of these systems, patients are able to receive expedited medical treatment that result in improved outcomes.

MEDICAL CONTROL

The medical control protocols and system policies continue to assure overall high quality medical control of the system. A total of 31 new or updated protocols and policies were implemented during 2018. Additional updates are anticipated during 2019. The protocol and policy changes were stimulated by changes in scientific or local system needs with input from the Medical Advisory Committee.

DATA COLLECTION AND EVALUATION

The EMS system continued to document progress in data collection and analysis during 2018 meetings through the implementation of the new data software. In an effort to ensure consistent, quality data entry, a draft data dictionary, that continues to evolve, is utilized as a working document. The EMCC can report a fully implemented, high functioning countywide electronic data collection system, includes the following:

- Data from its STEMI, Stroke and Trauma Registries.
- Data from the TXA Trial Study.
- Data from the Community Paramedicine Pilot Program.

Additionally, the ICEMA State Data Repository has data levels exceeding 15.2 million reports.

The following ICEMA approved EMS providers are currently utilizing the ImageTrend ePCR (NEMSIS V3) system:

- AMR - Rancho
- AMR - Redlands
- AMR - Victorville
- Apple Valley Fire
- Baker Ambulance (Needles)
- Barstow Fire
- Big Bear Fire
- Big Pine Fire (Inyo County)
- Cal Fire - San Bernardino
- California Highway Patrol - Air Ops
- Chino Valley Fire
- Cole Schaefer Ambulance
- Colton Fire Department
- Combat Center Fire (Marine Corp - Twenty-nine Palms)
- Desert Ambulance
- Fort Irwin Fire
- Independence Fire (Inyo County)
- Loma Linda Fire
- Lone Pine Fire (Inyo County)

- Mammoth Lakes Fire (Mono County)
- Marine Corps Logistics Base Fire (Barstow)
- Marine Corps Mountain Warfare Fire (Mono County)
- Mono County Paramedics (Mono County)
- Montclair Fire
- Morongo Basin Ambulance
- Morongo Valley Fire
- Olancho/Cartago Fire (Inyo County)
- Ontario Fire
- Rancho Cucamonga Fire
- Redlands Fire
- Rialto Fire
- Running Springs Fire
- San Bernardino County Fire
- San Bernardino County - Sheriff's Aviation
- San Manuel Fire
- Searles Valley Minerals
- Sierra LifeFlight - Bishop (Inyo County)
- Southern Inyo Fire (Inyo County)
- Symons Ambulance (San Bernardino County)
- Symons Ambulance (Inyo County)
- White Mountain Fire Protection District (Mono County)
- Yermo Fire

The EMCC received standing EMS system management reports at each of the scheduled meetings. These standing reports included reports for trauma systems, base hospital statistics, and hospital bed delay reports. Standing reports assist the overall system as it continues to explore and advance in communication and systems knowledge between all groups.

2017 GOALS

Through open discussions, the EMCC committee was able to “Support ICEMA in the process of data collection to achieve standardized data”.

The second broad range goal did not reach agenda status. This issue to “Development of a public education program to reduce the improper utilization of ambulance transports and hospital emergency rooms” continues to impact EMS and hospitals nationally.

CONCLUSION

Consistency and reliability have allowed EMCC to be effective. EMCC will continue to seek subject matter experts to provide input as well as act in an advisory capacity to the ICEMA EMS Administrator and the Board of Directors. Changes in healthcare are occurring at a rapid pace and stakeholder engagement will help augment a robust EMS system as we move forward into 2019.

In summary, it has been the goal of the EMCC to have system participation and open public discussions. The EMCC applauds the entire EMS system.