



AGENDA



SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE

September 16, 2021

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. 2021 Goals 1. Emergency Medical Dispatch - Ad Hoc Committee Report 2. Implementation of ET3 3. Evaluate Incident Management Team (IMT) Directives to Long-term Policies	1. Art Andres 2. Diana McCafferty 3. Dean Smith	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. Mental Health Issues	Diana McCafferty	Discussion
	F. 2020 Annual Report - 1 st Reading	Art Andres	Discussion/Action
IV.	EMS SYSTEM MANAGEMENT REPORTS • Hospital Bed Delay Reports - Monthly • Base Hospital Statistics - Quarterly • Trauma Reports - Annually 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: November 18, 2021		
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

July 15, 2021
0900

AGENDA ITEM		DISCUSSION/ACTION	RESPONSIBLE PERSON(S)
I.	CALL TO ORDER	Meeting was called to order at 9:00.	Art Andres
II.	APPROVAL OF MINUTES	The May 27, 2021, minutes were approved. Motion to approve. MSC: John Gillison/Art Rodriguez APPROVED Ayes: David Oleson, Michael Smith, Troy Pennington, Dean Smith, Art Andres, Allen Francis, Jason Johnston, Art Rodriguez, John Gillison, Alan Green, Kevin Parkes	Art Andres
III.	DISCUSSION/ACTION ITEMS		
	A. 2021 Goals		Art Andres
	<ol style="list-style-type: none"> Emergency Medical Dispatch - Ad Hoc Committee #3 Update Implementation of ET3 Evaluate Incident Management Team (IMT) Directives to Long-Term Policies 	Updates were provided on the 2021 goals. <ol style="list-style-type: none"> Art Andres gave an update on EMD and the ECNS program. AMR is in the first phase of implementation of ET3. The Assess and Refer policy has gone to the Medical Advisory Committee (MAC) for its review and will then go to Public Comment. 	<ol style="list-style-type: none"> Art Andres Diana McCafferty Dean Smith
	B. ICEMA Updates		
	<ol style="list-style-type: none"> EMS Data Collection 	EMS Data Collection Report included in agenda packet for reference. ICEMA is working with EMS providers to enter missing ePCRs.	Tom Lynch
	C. Ambulance Patient Offload Delay (APOD)	2021 APOD data is continues to be monitored and hours are beginning to increase.	Tom Lynch
	D. Update on Ambulance Contract	Nothing significant to report.	Tom Lynch
	E. Mental Health Issues	No report.	Diana McCafferty
IV.	EMS SYSTEM MANAGEMENT REPORTS	<ul style="list-style-type: none"> Hospital Bed Delay Reports - Monthly Base Hospital Statistics - Quarterly Trauma Reports - Annually Reports available at: http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx	
V.	PUBLIC COMMENT PERIOD		
VI.	REQUESTS FOR AGENDA ITEMS		
VII.	NEXT MEETING DATE	September 16, 2021	

Emergency Medical Care Committee

July 15, 2021

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VIII.	ADJOURNMENT	Meeting was adjourned at 10:50.	
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Attendees:

MEMBER NAME	EMCC POSITION	ICEMA STAFF	TITLE
<input checked="" type="checkbox"/> David Oleson	EMS Training Institution	<input checked="" type="checkbox"/> Tom Lynch	EMS Administrator
<input type="checkbox"/> Diana McCafferty	Private Ambulance Provider	<input checked="" type="checkbox"/> Jacquie Martin	Staff Analyst I
<input type="checkbox"/> VACANT	Hospital Administrator		
<input type="checkbox"/> Robert Wickum	Law Enforcement		
<input checked="" type="checkbox"/> Michael Smith	Fire Chief		
<input checked="" type="checkbox"/> Troy Pennington	Physician -Level II		
<input checked="" type="checkbox"/> Dean Smith	EMT-P - Public Sector		
<input checked="" type="checkbox"/> Art Andres	Emergency Medical Dispatch		
<input checked="" type="checkbox"/> Allen Francis	Nurse - MICN		
<input checked="" type="checkbox"/> Jason Johnston	Air Ambulance Provider		
<input checked="" type="checkbox"/> Art Rodriguez	EMT-P - Private Sector		
<input type="checkbox"/> Brian Savino	Physician - Level I		
<input checked="" type="checkbox"/> John Gillison	City Manager		
<input checked="" type="checkbox"/> Alan Green	Consumer Advocate		
<input checked="" type="checkbox"/> Kevin Parkes	Physician - ER		

Staff Report - EMCC

EMS Data Collection

IMAGETREND ePCR SOFTWARE - IMPLEMENTATION (NEMSIS V3)

Currently, 48 providers are utilizing the ImageTrend software. Total ePCRs in the ICEMA data system is 2,342,144.

Providers currently on ImageTrend ePCR (NEMSIS V3):

AMR - Rancho
AMR - Redlands
AMR - Victorville
Apple Valley Fire
Arrowbear Fire
Baker Ambulance (Needles)
Barstow Fire
Big Bear Fire
Big Pine Fire (Inyo County)
Cal Fire - San Bernardino
California Highway Patrol - Air Ops
Chalfant Fire Protection District (Mono County)
Chino Valley Fire
Colton Fire Department
Daggett Fire Department
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 Combat Center Fire (Twentynine Palms)
Marine Corps Logistics Base Fire (Barstow)
Marine Corps Mountain Warfare Fire (Mono County)
Mercy Air
Mono County Paramedics (Mono County)
Montclair Fire
Morongo Basin Ambulance
Morongo Valley Fire
Newberry Springs Fire
Olancho/Cartago Fire (Inyo County)
Ontario Fire
Rancho Cucamonga Fire
REACH Air
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 Department

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.

STATE DATA REPOSITORY

Total ePCRs as of September 8, 2021, is 17,552,831.

Mark Roberts
09/16/21



SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE

2020 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 2020. 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 2020 EMCC members were:

SEAT NO.	MEMBER	POSITION
1	Diana McCafferty	Private Ambulance Provider
2	David Oleson	EMT-P Training Institution (Chair)
3	Greg Christian	Hospital Administrator
4	Kevin Parkes	ED Physician - Non-Trauma
5	John Gillison	City Manager/Deputy City Manager/Assistant Manager (Vice - Chair)
6	Alan Green	Consumer Advocate
7	Michael Smith	Fire Chief
8	Robert Wickum	Law Enforcement
9	Art Andres	EMT/Paramedic - Public Sector (Chair)
10	Mike Bell	Emergency Medical Dispatch/Communications
11	Allen Francis	Nurse - MICN
12	Troy Pennington	Physician - Level II Trauma
13	Jason Johnston	Air Ambulance Provider
14	P. Brian Savino	Physician - Level I Trauma
15	Arthur Rodriguez	EMT/Paramedic - Private Sector

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 2020 year was dedicated to advancing the unique operational needs of our system.

ICEMA, on behalf of San Bernardino County, continued reporting out-of-hospital cardiac arrest (OHCA) data to the Cardiac Arrest Registry to Enhance Survival (CARES) Registry. The CARES Registry provides ICEMA with an annual summary report of the 2019 data upon completion of an audit of data accuracy. The report is then distributed to each EMS provider for

their review. 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 2019 meetings through the implementation of NEMESIS V3 software. The EMCC can report that a fully implemented, high functioning countywide electronic data collection system is operational.

In 2017, 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 Communication Nurse System (ECNS) by leveraging the EMD protocols currently in the region’s 9-1-1 Fire/EMS dispatch centers. The committee is working closely with the San Bernardino Council of Governments (SB COG) on this project in addition to other various stakeholders in the community.

On December 20, 2020, CONFIRE went live with ECNS. This was the first official program in the State of California to receive approval from the International Academy of Emergency Dispatch. Data is being collected to measure the impact on the EMS system. The goal remains to include all four (4) secondary safety answering points and secure funding for full-time coverage 24 hours a day, 7 days a week.

TRANSPORTATION

Performance Based Contract agreements were extended until March 31, 2022, for 8 of the 27 current Exclusive Operating Areas. A consulting firm, EndPoint, was hired to evaluate potential options and provide recommendations to ICEMA and the Board of Supervisors. The purpose was to “provide a recommendation for system-wide improvements in areas that promote improved service parameters, fee structure, and performance outcomes. This process will also include an evaluation of how various EMS partners and providers work together in order to make recommendations that best complement the county EMS system.”

NOVEL CORONAVIRUS (COVID-19)

On March 11, 2020, the World Health Organization (WHO) declared the COVID-19 outbreak a global pandemic. Individual providers and hospitals formulated plans to address the surge in patients seen with symptoms. Fire departments activated an Incident Management Team (IMT) under unified command with ICEMA and transport providers. Tremendous effort was placed to leverage resources, addressing the threat facing every community. A San Bernardino County Response Plan was developed based on multiple factors including staffing, available resources and call volume. The IMT created a computer aided dispatch (CAD) fusion center to allow the Incident Commanders increased situational awareness of all available resources.

Several emergency directives were issued to allow greater flexibility to EMS providers and authorization to implement:

- Single Non-Transport Unit dispatched to Alpha/Omega responses
- Alternative Transport Vehicles
- Assess and Refer protocol
- Interagency-Cross Staffing
- Establish Field Treatment Sites

Staffing challenges affected public and private providers. Non-essential workers were requested to work remotely to decrease the spread of COVID-19 and all public meetings were conducted virtually, including EMCC.

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. In March 2020, ICEMA updated its Policy and Protocol Manual. A total of 36 new or updated protocols and policies were implemented during 2020. Additional updates are anticipated during 2021. 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 2019 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 Community Paramedicine Pilot Program.

Additionally, the ICEMA State Data Repository has data levels exceeding 14 million V3 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
- Arrowbear 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 (Mono County)
- Marine Corps Combat Center (Twentynine Palms)
- 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
- REACH Air
- 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
- 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.

2020 GOALS

The EMCC committee continues to “Support ICEMA in the process of data collection to achieve standardized data”. Opportunities to utilize EMD to impact APOD issues resulted in the implementation of the ECNS program in 2020.

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. COVID-19 affected the entire world. Locally, EMCC’s ability to meet was impacted until a virtual option could be established. 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 2021. The Centers for Medicare and Medicaid Services developed an Emergency Triage, Treat, and Transport (ET3) model. The model will allow beneficiaries to access the most appropriate emergency services at the right time and place. The ET3 model “aims to improve quality and lower costs by reducing avoidable transports to the emergency department and unnecessary hospitalizations following those transports”. ICEMA and public/private providers are positioned to be a part of this innovative approach to enhance services to the community. EMCC stakeholders look to implement various components moving forward into 2021.

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.