



**San Bernardino County
Emergency Medical Care Committee**

1425 South "D" Street
San Bernardino CA 92415
(909) 388-5823



March 23, 2015

San Bernardino County
Board of Supervisors
385 North Arrowhead Avenue
San Bernardino, CA 92415

Dear Members of the Board:

RE: EMERGENCY MEDICAL CARE COMMITTEE - 2014 ANNUAL REPORT

Enclosed for your review is the 2014 Annual Report for the San Bernardino County Emergency Medical Care Committee (EMCC).

Please contact me electronically at jholbrook@craftonhills.edu or by telephone at (909) 389-3251 if I can assist you.

Thank you,

Jim Holbrook
Chair, San Bernardino County EMCC

Enclosure

cc: Greg Devereaux, Chief Executive Officer, SBC
Tom Lynch, EMS Administrator, ICEMA
Reza Vaezazizi, MD, Medical Director, ICEMA
EMCC Official File



SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE

2014 ANNUAL REPORT



INTRODUCTION

The purpose of this writing is to present an overview of the discussions and actions of the San Bernardino County Emergency Medical Care Committee (EMCC) for 2014. The EMCC provides 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. The EMCC had five (5) regularly scheduled meetings during 2014.

EMCC MEMBERSHIP

The 2014 EMCC members were:

SEAT NO.	MEMBER	POSITION
1	Diana McCafferty	Private Ambulance Provider
2	Jim Holbrook	EMT-P Training Institution (Chair)
3	Harris Koenig <small>Appointed on April 8, 2014</small>	Hospital Administrator
4	Travis Henson	ED Physician - Non-Trauma
5	John Gillison <small>Appointed on January 14, 2014</small>	City Manager/Deputy City Manager/Assistant Manager
6	Vacant	Consumer Advocate
7	Michael Smith	Fire Chief
8	Stephen Miller	Law Enforcement
9	Art Andres	EMT/Paramedic - Public Sector (Vice - Chair)
10	Mike Bell <small>Appointed on October 7, 2014</small>	Emergency Medical Dispatch/Communications
11	Allen Francis	Nurse - MICN
12	Troy Pennington	Physician - Level II Trauma
13	Roy Cox	Air Ambulance Provider
14	Richard Catalano	Physician - Level I Trauma
15	Arthur Rodriguez	EMT/Paramedic - Private Sector

The EMCC position representing Consumer Advocate continued to be unfilled during the 2014 sessions. This vacancy originated during the 2009 sessions, and ICEMA has been working to fill the position.

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).

MANPOWER AND TRAINING

The San Bernardino County EMS system currently consists of over 4,300 accredited or certified EMS personnel providing prehospital patient care to citizens of San Bernardino County.

AEMT	13
EMR	39
EMT	2,663
EMT-P	1,339
MICN	322

The system continues through local provider and hospital based agency processes to forward the educational, training, and personnel needs of the basic life support, limited advanced life support, and advanced life support personnel system-wide.

As reported annually for the past 11 years, due to changes in the administrative and structural process of the American Heart Association/American Red Cross and other large network training agencies, an accurate number of individuals trained in cardiopulmonary resuscitation and first aid are not and will not be available.

ICEMA continues to move forward with Cardiac Arrest Registry to Enhanced Survival (CARES). CARES provides de-identified, aggregate information to help improve prehospital care of cardiac arrest patients. The hospitals committed to this process include: Arrowhead Regional Medical Center, Community Hospital of San Bernardino, Desert Valley Hospital, Mammoth Hospital, Mountains Community Hospital, Northern Inyo Hospital, and San Antonio Community Hospital.

Our system continues to advance engineering controls necessary for patient care guided by reliable and consistent data. Further, our system continued to document progress in data collection and analysis during the 2014 sessions.

COMMUNICATIONS

The ability to communicate system issues, including emergency room bed delay, continues to be an issue as the EMS system and population grow. The entire EMS constituency continues to explore and advance communications among all groups through various committees.

Several of our fire service dispatch centers use medical priority dispatch systems and several have achieved Accredited Center's of Excellence. Less than 3% of all EMS dispatch centers have received this accreditation in the United States.

TRANSPORTATION

The EMCC provided input related to transportation issues including air ambulance and ground transportation.

ASSESSMENT OF HOSPITALS AND CRITICAL CARE CENTERS

San Bernardino County's EMS system continues to advance its specialty care system through implementation of the ST Elevation Myocardial Infarction (STEMI) system and other innovative system enhancements such as Stroke Centers.

The continuous quality improvement committees continue to reevaluate the system. Noteworthy is ICEMA received a National Association of Counties (NACO) 2013 Achievement Award for their program titled "Neurovascular Stroke Receiving Centers (NSRC)".

Through the implementation of these systems, patients are able to receive expedited medical treatment and improved outcomes.

MEDICAL CONTROL

The medical control protocols and system processes continue to assure overall high quality medical control of the system. A total of eighty-seven (87) protocols, both regular updates and new protocols and policies, were implemented during 2014. The protocol and policy changes were stimulated by changes in scientific or local system needs.

The overall system and medical control aspects continue to assure outstanding emergency medical care for the entire region.

The Trauma Audit Committee reviewed and approved a significant change to the spinal immobilization process, and the Tranexamic (TXA) trial study was submitted for approval and various committees have begun discussions on a regional approach to trauma.

The Medical Advisory Committee endorsed a new concept for treatment protocols and the system is moving away from Morphine and transitioning to Fentanyl.

DATA COLLECTION AND EVALUATION

The EMS system continued to document progress in data collection and analysis during the 2014 sessions through the continuing implementation of new data software. Substantial agency(s) and personnel time were required in order to accurately collect, review, analyze, and compile reports for various discussions and decision making loops. Continuing efforts have been made toward fully implementing County-wide electronic data collection. The system is moving out of the initial phase and some system outcome data exists.

Noteworthy is the National Association of Counties (NACO) granted a 2014 Achievement Award to ICEMA for its program titled "ICEMA Health Information Network".

The following San Bernardino County providers are submitting data to the ICEMA Management Information and Surveillance System (MISS) on a daily basis:

- 29 Palms Fire Department
- American Medical Response
- Baker EMS - Baker
- Baker EMS - Needles
- Barstow Fire Department
- Big Bear Lake Fire Protection District
- CAL FIRE - City of Yucaipa Fire Department
- CAL FIRE - Highland
- Chino Valley Fire Department
- Colton Fire Department
- Desert Ambulance
- Fort Irwin Fire Department
- Loma Linda Fire Department
- Mercy Air
- Marine Corp Logistics Base - Barstow
- Morongo Basin Ambulance Association
- Morongo Valley Fire Department

- Montclair Fire Department
- Ontario Fire Department
- Rancho Cucamonga Fire Department
- Redlands Fire Department
- Rialto Fire Department
- Running Springs Fire Department
- San Bernardino City Fire Department
- San Bernardino County Fire Department
 - Yucca Valley only
- San Bernardino County Sheriff's Aviation
- San Manual Fire Department
- Symons Ambulance (San Bernardino County)
- Upland Fire Department

The following agencies remain outside of the data collection process:

- Apple Valley Fire Department
- Combat Center Fire Department - Twenty-nine Palms
- San Bernardino County Fire Department
- San Bernardino County Sheriff's Search and Rescue

The EMCC received standing emergency medical services system management reports at each of the scheduled meetings. These standing reports included quarterly reports for Trauma systems, base hospital statistics, hospital bed delays, hospital surveillance and STEMI reports. These standing reports assist the overall system as it continues to explore and advance in communication and systems knowledge between all groups.

CONCLUSION

There were various processes that were discussed and are continuing items into 2015, such as medication shortages, ambulance patient off-load delays, health information exchange, and ground transportation status.

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