



AGENDA



SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE

March 19, 2015

0830

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

Purpose: Information Sharing

Meeting Facilitator: Jim Holbrook

Timekeeper: Tom Lynch

Record Keeper: Jacquie Martin

	AGENDA ITEM	PERSON(S)	DISCUSSION/ACTION
I.	CALL TO ORDER	Jim Holbrook	
II.	APPROVAL OF MINUTES	Jim Holbrook	Action
III.	WORKSHOP ON EMS SYSTEM	Jim Holbrook	Discussion/Action
IV.	DISCUSSION/ACTION ITEMS		
	A. ICEMA Updates	Tom Lynch	Discussion
	1. EMS MISS II Status Report		
	B. ICEMA Medical Director Updates	Dr. Vaezazizi	Discussion
	C. 2014 Annual Report - 2 nd Reading	Jim Holbrook	Action
	D. Bed Delay	Jim Holbrook	Discussion
V.	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
VI.	PUBLIC COMMENT PERIOD		
VII.	REQUESTS FOR AGENDA ITEMS		
VIII.	NEXT MEETING DATE: May 14, 2015		
IX.	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

January 15, 2015

0900

AGENDA ITEM		DISCUSSION/ACTION	RESPONSIBLE PERSON(S)
I.	CALL TO ORDER	Meeting was called to order at 0901.	
II.	APPROVAL OF MINUTES	<p>The November 13, 2014, minutes were approved.</p> <p>Motion to approve. MSC: Harris Koenig/Art Andres APPROVED Ayes: Diana McCafferty, Jim Holbrook, Harris Koenig, Michael Smith, Stephen Miller, Art Andres, Mike Bell, Allen Francis, Roy Cox, Art Rodriguez</p>	
III.	DISCUSSION/ACTION ITEMS		
	A. ICEMA Updates		Tom Lynch
	1. EMS MISS II Status Report	EMS MISS I & II Report included in agenda packet for reference.	Mark Roberts/Ron Holk
	2. Utilization of PBC Trust Fund	Utilization of PBC Trust Fund included in agenda packet for reference.	May Wang
	B. ICEMA Medical Director Updates		Reza Vaezazizi
	<ul style="list-style-type: none"> Trauma 	<ul style="list-style-type: none"> No changes in demographic reports. Meetings are well attended. TAC is an open meeting except for Peer Review. The Tranexamic Acid (TXA) Trial Study start date is March 2, 2015. The educational video is in the editing stages. Hospitals and EMS providers participating in the study must be part of the ICEMA ePCR system. Riverside EMS and other EMS agencies are looking at joining the study. ICEMA and REMSA agreed to combine the three (3) meetings. Next TSAC/TAC meeting with ICEMA and Riverside EMS will be at ICEMA on February 25, 2015. 	Chris Yoshida-McMath
	<ul style="list-style-type: none"> STEMI 	<ul style="list-style-type: none"> Physician attendance was better at the last meeting. ICEMA continues to monitor attendance. Next STEMI Committee meeting will be on February 19, 2015. 	Chris Yoshida-McMath

	<ul style="list-style-type: none"> Stroke 	<ul style="list-style-type: none"> On January 12, 2015, Kaiser Fontana and Ontario became ICEMA designated Stroke Centers. Next Stroke Committee meeting will be on February 5, 2015. 	Chris Yoshida-McMath
	C. CARES Registry Update	<ul style="list-style-type: none"> There following hospitals are committed participants: Arrowhead Regional Medical Center Community Hospital of San Bernardino Desert Valley Hospital Mammoth Hospital Mountains Community Hospital Northern Inyo Hospital San Antonio Community Hospital Goal start date is April 2015. 	Reza Vaezazizi
	D. Stroke Attendance Update	Meeting attendance has improved.	Reza Vaezazizi
	E. Election of Chair and Vice Chair	<p>Motion to elect Jim Holbrook as Chair. MSC: Michael Smith/Diana McCafferty APPROVED Ayes: Diana McCafferty, Jim Holbrook, Harris Koenig, Michael Smith, Stephen Miller, Art Andres, Mike Bell, Allen Francis, Roy Cox, Art Rodriguez</p> <p>Motion to elect Art Andres as Vice Chair. MSC: Jim Holbrook/Art Rodriguez APPROVED Ayes: Diana McCafferty, Jim Holbrook, Harris Koenig, Michael Smith, Stephen Miller, Art Andres, Mike Bell, Allen Francis, Roy Cox, Art Rodriguez</p>	Jim Holbrook
	F. 2014 Annual Report - 1 st Reading	<p>2014 Annual Report included in agenda packet for reference.</p> <ul style="list-style-type: none"> Mike Bell requested adding a breakdown of number of EMTs, AEMTs, EMT-Ps, etc. Final reading will be at the March 19th meeting. 	Jim Holbrook
	G. Community Paramedicine	<ul style="list-style-type: none"> OSHPD held the 1st meeting in Sacramento last month. Attendees included voting and non-voting members. Next meeting will be held in February. <p>Chair requested that the item be agendized as needed.</p>	Tom Lynch
	H. Bed Delay	<p>Minutes from the November 13, 2014, APOD Task Force meeting included in agenda packet for reference.</p> <ul style="list-style-type: none"> Next meeting is February 12, 2015, at 2:00 pm at the ICEMA office. 	Jim Holbrook

Emergency Medical Care Committee

January 15, 2015

Page 3

	I. Ground Transportation Status	<p>Greg Devereaux, CEO, attended the meeting, at which time he welcomed assistance from the EMCC with input on issues and concerns from each member as representatives of the stakeholders in the EMS system.</p> <p>Motion to start the March 19, 2015, meeting at 8:30 am instead of 9:00 am and to include a workshop after the regularly scheduled meeting. MSC: Stephen Miller/Allen Francis APPROVED Ayes: Diana McCafferty, Jim Holbrook, Harris Koenig, Michael Smith, Stephen Miller, Art Andres, Mike Bell, Allen Francis, Roy Cox, Art Rodriguez</p>	Tom Lynch
IV.	EMS SYSTEM MANAGEMENT REPORTS	<ul style="list-style-type: none"> • Quarterly Trauma Hospital Reports • Base Hospital Quarterly Reports • Hospital Bed Delay Reports • STEMI Reports <p>Reports available at: http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx</p>	Ron Holk
V.	PUBLIC COMMENT PERIOD		
VI.	REQUESTS FOR AGENDA ITEMS	- Annual Report - 2 nd Reading	
VII.	NEXT MEETING DATE	March 19, 2015	
VIII.	ADJOURNMENT	Meeting adjourned at 1033.	

Attendees:

MEMBER NAME	EMCC POSITION	ICEMA STAFF	TITLE
<input checked="" type="checkbox"/> Jim Holbrook	EMS Training Institution	<input checked="" type="checkbox"/> Reza Vaezazizi	Medical Director
<input checked="" type="checkbox"/> Diana McCafferty	Private Ambulance Provider	<input checked="" type="checkbox"/> Tom Lynch	EMS Administrator
<input checked="" type="checkbox"/> Harris Koenig	Hospital Administrator	<input checked="" type="checkbox"/> Denice Wicker-Stiles	Assistant Administrator
<input checked="" type="checkbox"/> Stephen Miller	Law Enforcement	<input checked="" type="checkbox"/> George Stone	PBC Program Coordinator
<input checked="" type="checkbox"/> Michael Smith	Fire Chief	<input checked="" type="checkbox"/> Chris Yoshida-McMath	EMS Trauma Nurse
<input type="checkbox"/> Troy Pennington	Physician -Level II	<input checked="" type="checkbox"/> Ron Holk	EMS Nurse
<input checked="" type="checkbox"/> Art Andres	EMT-P - Public Sector	<input checked="" type="checkbox"/> Mark Roberts	EMS Technical Consultant
<input checked="" type="checkbox"/> Mike Bell	Emergency Medical Dispatch	<input checked="" type="checkbox"/> Danielle Ogaz	EMS Specialist
<input checked="" type="checkbox"/> Allen Francis	Nurse - MICN	<input checked="" type="checkbox"/> Jacquie Martin	Secretary
<input checked="" type="checkbox"/> Roy Cox	Air Ambulance Provider		
<input checked="" type="checkbox"/> Art Rodriguez	EMT-P - Private Sector		
<input type="checkbox"/> Richard Catalano	Physician - Level I		
<input type="checkbox"/> John Gillison	City Manager		
<input type="checkbox"/> Vacant	Consumer Advocate		
<input type="checkbox"/> Travis Henson	Physician - ER		

Emergency Medical Care Committee

January 15, 2015

Page 4

GUEST	AGENCY
Pam Allen	Redlands Community Hospital
Rocky Allen	Mercy Air
Sandy Carnes	Rancho Cucamonga FD
Valarie Clay	SB County CAO
Patty Eickholt	SACH
Terence Flores	AMR
Alan Green	SB County Counsel
Sandy Griffin	Rancho Cucamonga FD
Mark Hartwig	SB County FD
Kerri Jex	Bear Valley CH
Pam Martinez	Ontario FD
Melissa McMurphy	Morongo Basin Ambulance
Sara Morning	Redlands Community Hospital
Lewis Murray	Board of Supervisors
Shane Panto	CHP
Henry Perez	Colton FD
Joy Peters	ARMC

Staff Report - EMCC

EMS Data Collection

IMAGETREND ePCR SOFTWARE - IMPLEMENTATION

Currently, 41 providers are utilizing the ImageTrend software. ICEMA is working with the 4 remaining new providers on ImageTrend implementation.

Providers currently on ImageTrend ePCR:

29 Palms Fire
AMR - Rancho
AMR - Redlands
AMR - Victorville
Apple Valley Fire Department - Mid April 2015
Baker Ambulance (Needles and Baker)
Barstow Fire
Big Bear Fire
Big Pine Fire (Inyo County)
Chino Valley Fire
Colton Fire
Crest Forest Fire Protection District - Stopped sending data when merged with County Fire
Desert Ambulance
Fort Irwin Fire
Highland Fire (Cal Fire)
Independence Fire (Inyo County)
Loma Linda Fire
Lone Pine Fire (Inyo County)
Mammoth Lakes Fire (Mono County)
Marine Corp Logistics Base - Barstow
Mercy Air
Mono County Paramedics (Mono County)
Morongo Basin Ambulance
Morongo Valley Fire
Montclair Fire
Olancho/Cartago Fire (Inyo County)
Ontario Fire
Rancho Cucamonga Fire
Redlands Fire
Rialto Fire
Running Springs Fire
San Bernardino City Fire
San Bernardino County Fire

- Yucca Valley Fire - Live

San Bernardino County - Sheriff's Aviation
San Manuel Fire
Sierra LifeFlight - Bishop (Inyo County)
Southern Inyo Fire (Inyo County)
Symons Ambulance (San Bernardino County)
Symons Ambulance (Inyo County)
Upland Fire
Yucaipa City Fire (Cal Fire)

Implementation/training dates for additional providers are as follows:

Daggett Fire Department (BLS) - Setup pending
Medcor Corporation - Setup complete
San Bernardino County Fire - Waiting on Implementation Plan
Yermo Fire - Setup complete

CAD INTERFACES ePCR IMPLEMENTATION

Barstow Fire - Pending
Desert Ambulance - Pending
Mercy Air - Pending
Symons Ambulance - Pending

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. ICEMA received an upgrade to V3.4.2 on January 6, 2015. This upgrade corrected some software defects as well as added more functionality for the hospitals.

Trial Studies and Pilot Programs - ICEMA developed and deployed specific forms for documentation related to the TXA Trial Study and the Community Paramedicine Pilot Program for use by approved and participating providers.

STATE OF CALIFORNIA CONTACT

Total ePCRs in the system has exceeded 2.4 million. California was the first and only State to be recognized as NEMSIS 3 ready by NEMSIS TAC on September 24, 2014.

Mark Roberts
03/19/2015



**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.

MINUTES

Inland Empire Ambulance Patient Offload Delay Task Force

January 8, 2015

1400 to 1530

AGENDA ITEM		DISCUSSION/FOLLOW UP	RESPONSIBLE PERSON(S)
I.	Welcome/Introductions	All members introduced themselves.	All
II.	Approval of Minutes	The Task Force approved the November 13, 2014, minutes.	All
III.	Review Status of Assignments and Adopt Methodologies, including: A. Draft Focused Review Plan and Triggers B. Data Collection Modifications and Metrics C. Development of Patient Redirection Criteria	The Task Force discussed the following items: There is agreement on the need to address APOD and the multi-factual causes of the ongoing problem, including the commitment of everyone to continue to work together proactively and collaboratively to find solutions. The CEOs are discussing the possible adoption of NEDOCS as a tool for hospital use. Agreement was reached on the need for a pilot program to address APOD. This could include patient redirection to non-impacted EDs. The development of revised protocols to guide paramedics regarding the continued use of cardiac monitors, etc., was discussed and agreement to pursue that as well.	All
IV.	Round Table/Announcements	No announcements.	All
V.	Future Agenda Items	Develop an APOD pilot program.	All
VI.	Next Meeting	March 12, 2015, ICEMA	All
VII.	Adjournment	The meeting adjourned at 1530.	

Attendees:

NAME	REPRESENTING
<input checked="" type="checkbox"/> Jim Holbrook, Chair	Inland Counties Emergency Medical Agency, (ICEMA) Emergency Medical Care Committee
<input checked="" type="checkbox"/> Doug Bagley	Hospital Association of Southern California
<input checked="" type="checkbox"/> Renee Colarossi	American Medical Response, San Bernardino County
<input checked="" type="checkbox"/> Doug Key	American Medical Response, Riverside County
<input checked="" type="checkbox"/> Greg Padilla for Joel Bergenfeld	Hospitals CEOs, Riverside County
<input checked="" type="checkbox"/> Greg Christian	Hospitals CEOs, San Bernardino County
<input checked="" type="checkbox"/> Maxwell Ohikhuare, MD	Health Officers
<input checked="" type="checkbox"/> Fran Paschall	Chief Nursing Officers

MINUTES - Inland Empire APOD

January 8, 2015

Page 2

<input checked="" type="checkbox"/> Mat Fratus	Fire Chiefs, San Bernardino County
<input type="checkbox"/> Eb Muncy	San Bernardino County Ambulance Association
<input checked="" type="checkbox"/> Brian MacGavin for Bruce Barton	Riverside County EMS Agency
<input checked="" type="checkbox"/> Tom Lynch	ICEMA