

# AGENDA



## SAN BERNARDINO COUNTY EMERGENCY MEDICAL CARE COMMITTEE



**July 17, 2014**

**0900**

**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

	<b>AGENDA ITEM</b>	<b>PERSON(S)</b>	<b>DISCUSSION/ACTION</b>	<b>TIME</b>
I.	CALL TO ORDER	Jim Holbrook		0900 - 0901
II.	APPROVAL OF MINUTES	Jim Holbrook	Action	0901 - 0903
III.	DISCUSSION/ACTION ITEMS			
	A. ICEMA Updates 1. EMS MISS II Status Report 2. Utilization of PBC Trust Fund	Tom Lynch	Discussion	0903 - 0915
	B. ICEMA Medical Director Updates	Dr. Vaezazizi	Discussion	0915 - 0930
	C. Community Paramedicine	Tom Lynch	Discussion	0930 - 0935
	D. Ground Transportation Status	Tom Lynch	Discussion	0935 - 0940
IV.	EMS SYSTEM MANAGEMENT REPORTS • Quarterly Trauma Hospital Reports • Base Hospital Quarterly Reports • Hospital Bed Delay Reports • Hospital Surveillance • STEMI Reports Reports available at: <a href="http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx">http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx</a>		Information	0940 - 0945
V.	PUBLIC COMMENT PERIOD			0945 - 0955
VI.	REQUESTS FOR AGENDA ITEMS			0955 - 0958
VII.	NEXT MEETING DATE: <b>September 18, 2014</b>			0958 - 0959
VIII.	ADJOURNMENT			0959 - 1000

*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



**MAY 15, 2014**

0900

AGENDA ITEM		DISCUSSION/ACTION	RESPONSIBLE PERSON(S)
I.	CALL TO ORDER	Meeting was called to order at 0900.	
II.	APPROVAL OF MINUTES	<p>The March 20, 2014, minutes were approved.</p> <p>Motion to approve.            MSC: Stephen Miller/John Gillison  <b>APPROVED</b>            Ayes: Jim Holbrook, Diana McCafferty,            Stephen Miller, Michael Smith,            Troy Pennington, Art Andres,            Roy Cox, Art Rodriguez,            Richard Catalano, John Gillison            Abstain: Harris Koenig</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"> <li>• Trauma</li> </ul>	<ul style="list-style-type: none"> <li>• Trauma Audit Committee (TAC) meeting was held on May 14, 2014, representing six (6) Trauma Centers in Riverside and San Bernardino Counties. TAC has embraced EMS integration into the trauma system for years and is a driving force on key issues impacting patient care into the hospital.</li> <li>• The Tranexamic Acid (TXA) Trial Study is on track to start early 2015. The proposal and protocol was reviewed and approved by Arrowhead Regional Medical Center's Institutional Review Board (IRB). And, will be presented to the State EMS Authority (EMSA), and the EMS Medical Directors Association of California's (EMDAC) Scope of Practice Committee for approval at their September meeting.</li> <li>• Working on the revision to the spinal immobilization protocol.</li> <li>• ICEMA trauma registry review of pediatric</li> </ul>	Chris Yoshida-McMath

		<p>vertebral spinal injury data with spinal cord injury for 2012 identified 612 patients with vertebral fractures; 21 of those were cervical spine region; 1 documented spinal cord injury (lumbar not cervical); others were thoracic or lumbar injuries.</p> <ul style="list-style-type: none"> <li>• ICEMA will continue to monitor the trauma registry data.</li> <li>• Next TAC meeting is at Riverside Regional Medical Center on October 29, 2014.</li> </ul>	
	<ul style="list-style-type: none"> <li>• STEMI</li> </ul>	<ul style="list-style-type: none"> <li>• ICEMA continues to move forward with the Cardiac Arrest Registry to Enhance Survival (CARES) Registry.</li> <li>• MAC endorsement letters and request for participation went out on Monday, May 13, 2014.</li> <li>• ICEMA's next Education Day will be on September 4, 2014. Dr. Dan Davis will be presenting the concept of Advanced Resuscitation Training (ART) program. More details to follow.</li> <li>• STEMI ECG review shows an increase; 2014 1<sup>st</sup> Quarter was 214 compared to 52 for 2012 1<sup>st</sup> Quarter.</li> </ul>	Chris Yoshida-McMath
	<ul style="list-style-type: none"> <li>• Stroke</li> </ul>	<ul style="list-style-type: none"> <li>• The system continues to function as a single tiered system, with no drastic changes.</li> <li>• Congratulations to San Antonio Community Hospital and Arrowhead Regional Medical Center for passing their Healthcare Facilities Accreditation Program (HFAP)/The Joint Commission (TJC) Primary Stroke Center Accreditation.</li> </ul>	Chris Yoshida-McMath
	<ul style="list-style-type: none"> <li>• Medication Shortages</li> </ul>	<ul style="list-style-type: none"> <li>• There is a nationwide shortage of Normal Saline which may affect the ability to maintain adequate supplies for both EMS providers and hospitals.</li> <li>• ICEMA recommends that EMS providers carefully consider the need for venous access or the use saline locks in place of Normal Saline.</li> </ul>	Ron Holk
	<ul style="list-style-type: none"> <li>• Protocol Review</li> </ul>	<ul style="list-style-type: none"> <li>• Protocols for the current review and public comment period was completed and are effective on June 1, 2014. <ul style="list-style-type: none"> <li>➤ 9 - reviewed</li> <li>➤ 3 - new</li> <li>➤ 2 - deleted</li> </ul> </li> <li>• EMCC members are include on the distribution list for public comment and are</li> </ul>	Ron Holk

		<p>encouraged to participate.</p> <ul style="list-style-type: none"> <li>• Chair requested that the grid with agency comments and ICEMA’s responses be included in the final distribution.</li> <li>• The ICEMA Policy Procedure and Protocol Manual will be undergoing a complete update and revision to remove any duplication and redundancy. Target completion is projected for the end of 2014.</li> </ul>	
	<ul style="list-style-type: none"> <li>• Bed Delay</li> </ul>	<ul style="list-style-type: none"> <li>• There has been an increase in bed delay hours over the last month.</li> <li>• A permanent policy is currently in the review process to address bed delay issues and upon completion would allow EMS monitoring procedures similar to the recent ICEMA memos regarding monitoring of multiple patients (Procedures for EMS Monitoring of multiple patients during Bed Delay in San Bernardino County).</li> </ul>	
	<ul style="list-style-type: none"> <li>• Health Information Exchange (HIE)</li> </ul>	<ul style="list-style-type: none"> <li>• On May 6, 2014, the ICEMA Governing Board approved a contract with Inland Empire Health Electronic Health Record (HER) Resource Center for participation in the Inland Empire Health Information Exchange (IEHIE). The goal of the HIE is to provide the capability to electronically move clinical information across health organizations within the ICEMA region, thereby allowing physicians to assemble a single “continuity of care” record for each patient. This single patient care record is then available to all providers participating in the exchange, enhancing the quality and efficiency of patient care.</li> <li>• In the first phase, ICEMA’s ePCR data will be pushed into the HIE.</li> <li>• Second phase will develop various levels of bi-directional flow of the information where EMS field personal and healthcare providers can access the HIE records while encountering a patient.</li> <li>• Another component will be outcome data.</li> <li>• Medical Director thanked those already participating and is excited to be part of a HIE that has a unified integrated vision and allows EMS data to be part of a global data set that would be clinically valuable.</li> </ul>	
	<p>C. 2013 Annual Report - 2<sup>nd</sup> Reading</p>	<p>2013 Annual Report included in agenda packet for reference.</p> <p>Art Andres requested to add two (2) sentences under the communication section (Page 3), to</p>	<p>Jim Holbrook</p>

		<p>read as follows: “A majority of our Public Safety Answering Points (PSAPs) are now medical priority dispatch systems, achieving Accredited Center’s of Excellence. Less than 3% of all PSAPs have received this accreditation in the United States.”</p> <p>Motion to endorse with change.                  MSC: Troy Pennington/Michael Smith                  APPROVED                  Ayes: Jim Holbrook, Diana McCafferty, Harris Koenig, Stephen Miller, Michael Smith, Troy Pennington, Art Andres, Roy Cox, Art Rodriguez, John Gillison                  Abstain: Richard Catalano</p>	
	D. STEMI CQI Attendance Letter	<p>Letter included in agenda packet for reference.</p> <p>Chair requested an update at the January 2015 meeting.</p>	Jim Holbrook
	E. EMS Credentialing	<ul style="list-style-type: none"> <li>• ICEMA has been testing ImageTrend’s EMS Credentialing software for approximately a year.</li> <li>• ICEMA will implement standard online only application process for all EMS credentialing.</li> <li>• Credentialing protocols will be revised to reflect new application process and change in educational requirements (based on MAC recommendation).</li> <li>• After stakeholder input, ICEMA agreed to delay the online application process for 30 days, effective August 1, 2014.</li> <li>• Online process will include upload of support documentation, employer verification and result in improved processing time and staff efficiency.</li> <li>• Will include online payment option in the near future.</li> </ul>	Tom Lynch
	F. Community Paramedicine	<ul style="list-style-type: none"> <li>• Currently there are 13 pilot programs; approximately half for alternate destination and the other half for post discharge follow up.</li> <li>• OSHPD held a Public Comment Meeting in Sacramento on April 9<sup>th</sup>. Denial input from the following organizations:                         <ul style="list-style-type: none"> <li>➤ Medical Board of California</li> <li>➤ California Nurses Association</li> <li>➤ California Association of Health Services at Home</li> <li>➤ California Medical Association</li> <li>➤ California Chapter American College of Emergency Physicians</li> </ul> </li> </ul>	Tom Lynch

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		<ul style="list-style-type: none"> <li>Concerns raised were a lack of clarity on education processes involved and data support to move forward.</li> <li>EMSA released the education core curriculum which recommends 100 hours and 4 years of experience as a paramedic.</li> <li>Unsure if OSHPD will approve.</li> <li>Current Timeline is as follows:                      May 12<sup>th</sup> - OSHPD Public Hearing in Sacramento                      June - OSHPD Approval/Denial Notification                      August - Training Begins                      January 2015 - Implementation</li> </ul>	
	G. Ground Transportation Status	<p>No changes to report. No change in status; County continues to look at options.</p> <p>John Gillison noted that the SANBAG City and County Managers Technical Advisory Committee sent a letter to the County CEO in support of the County Fire Chief's prior position in regards to ground transportation.</p>	Tom Lynch
IV.	EMS SYSTEM MANAGEMENT REPORTS	<ul style="list-style-type: none"> <li>Quarterly Trauma Hospital Reports</li> <li>Base Hospital Quarterly Reports</li> <li>Hospital Bed Delay Reports</li> <li>STEMI Reports</li> </ul> <p>Reports available at:  <a href="http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx">http://www.sbcounty.gov/ICEMA/sbcounty_reports.aspx</a></p>	Ron Holk
V.	OTHER/PUBLIC COMMENT		
VI.	REQUESTS FOR NEXT MEETING		
VII.	NEXT MEETING DATE	July 17, 2014	
VIII.	ADJOURNMENT	Meeting adjourned at 1023.	

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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 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 type="checkbox"/> Sherri Shimshy	EMS Nurse
<input checked="" type="checkbox"/> Troy Pennington	Physician -Level II	<input checked="" type="checkbox"/> Chris Yoshida-McMath	EMS Trauma Nurse
<input checked="" type="checkbox"/> Art Andres	EMT-P - Public Sector	<input checked="" type="checkbox"/> Ron Holk	EMS Nurse
<input type="checkbox"/> Rick Britt	Communication	<input checked="" type="checkbox"/> Mark Roberts	EMS Technical Consultant
<input type="checkbox"/> Allen Francis	Nurse - MICN	<input checked="" type="checkbox"/> Danielle Ogaz	EMS Specialist
<input checked="" type="checkbox"/> Roy Cox	Air Ambulance Provider	<input checked="" type="checkbox"/> Jacquie Martin	Secretary
<input checked="" type="checkbox"/> Art Rodriguez	EMT-P - Private Sector		
<input checked="" type="checkbox"/> Richard Catalano	Physician - Level I		
<input checked="" type="checkbox"/> John Gillison	City Manager		
<input type="checkbox"/> <i>Vacant</i>	Consumer Advocate		
<input type="checkbox"/> Travis Henson	Physician - ER		

GUEST	AGENCY	GUEST	AGENCY
Dimitrios Alexiou	HASC	Sara Morning	RDCH
Pam Allen	RDCH	Lewis Murray	SB County 2 <sup>nd</sup> District
Sandy Carnes	Rancho Cucamonga FD	Leslie Parham	SB County FD
Valarie Clay	SB County CAO	Joe Powell	Rialto FD
Renee Colarossi	AMR	Luther Snoke	San Bernardino CAO
Kari Gaston	CHSB	Hala Sabry	STMMC
Mark Hartwig	SB County FD	Scott Tuttle	SB County FD
Nancy Hernandez	LLUMC	Bob Tyson	Redlands FD
Janet Kilgore	Kaiser	Terry Welsh	Redlands FD
Christopher Linke	AMR		

# Staff Report - EMCC

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## EMS Management Information & Surveillance System - MISS II (ImageTrend)

### IMAGETREND ePCR SOFTWARE - IMPLEMENTATION

Currently, 39 providers are utilizing the ImageTrend software. ICEMA is working with the 6 remaining new providers on ImageTrend implementation.

Providers currently on ImageTrend ePCR:

29 Palms Fire  
AMR - Rancho  
AMR - Redlands  
AMR - Victorville  
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)  
Marine Logistics Base - Barstow  
Mercy Air - Live July 1, 2014 – August 1, 2014  
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 Manuel Fire  
Sheriff's Aviation  
Sierra LifeFlight - Bishop (Inyo County)  
Southern Inyo Fire  
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:

Apple Valley Fire Department - Live June 1, 2014 (pushed out September 2014)  
Daggett Fire Department (BLS) - Setup pending  
Mammoth Lakes Fire (Mono County) - 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 ePCR SOFTWARE

The purchase of ImageTrend Software was approved by the ICEMA's Governing Board in November 2011. ICEMA continues to work with hospital users in the deployment of the Hospital Dashboard. This allows users to view inbound patients and review ePCRs of patients (by hospital) based on security and permissions.

Patient Registry - ICEMA is receiving data from its Trauma, Stroke and STEMI registries. ICEMA received an upgrade to V3.3 on July 9, 2014. This added more functionality for the hospitals.

ICEMA staff will be attending the ImageTrend EDS Conference held in Minnesota on July 16 -18, 2014.

Mark Roberts  
07/17/2014

# Staff Report - EMCC

## UTILIZATION OF PBC TRUST FUND (LIQUIDATED DAMAGES)

Current Trust Fund Balance (as of July 9, 2014): \$698,903.74

### Incidental Expenses:

During the July 2013 meeting, the EMCC endorsed the use of liquidated damages for incidental expenses related to the MISS projects not to exceed \$5,000. There is no new expenditure beyond the last reporting period to report. The balance remains at \$2,332.56.

<b>APPROVED INCIDENTAL BUDGET</b>			
<b>Expenses:</b>	<b>Vendor</b>	<b>Date</b>	<b>Amount</b>
<b>Balance Remaining</b>			<b>\$2,332.56</b>

### Additional Expenses for FY 2013-14:

During the May 2013 meeting, the EMCC endorsed a budget of \$70,000 for FY 2013-14. The expenditures of the entire FY are listed below.

<b>APPROVED ADDITIONAL BUDGET</b>			<b>\$70,000.00</b>
	<b>Vendor</b>	<b>Amount</b>	
<b>Expenses: (July - August)</b>			
Paper	Staples	\$1,171.24	
Toner	Daisy Wheel	\$5,923.44	
Travel Expenses		\$717.49	
	<b>Subtotal</b>		<b>\$7,812.17</b>
<b>Expenses: (September - December)</b>			
Toner	Daisy Wheel	\$958.01	
Travel Expenses		\$2,205.47	
ePCR additional modules and support	ImageTrend	\$24,680.00	
	<b>Subtotal</b>		<b>\$27,843.48</b>
<b>Expenses: (January - February)</b>			
		\$0.00	
	<b>Subtotal</b>		<b>\$0.00</b>
<b>Expenses: (March - April)</b>			
Travel Expenses		\$4,029.00	
	<b>Subtotal</b>		<b>\$4,029.00</b>
<b>Expenses: (May - June)</b>			
Training	ImageTrend	\$4,250.00	
	<b>Subtotal</b>		<b>\$4,250.00</b>
<b>Total Expenses</b>			<b>\$43,934.65</b>
<b>Balance Remaining</b>			<b>\$26,065.35</b>

**Electronic Patient Care Record Data System Expenses:**

During the July 2011 meeting, the EMCC endorsed a not to exceed \$750,000 amount for the purchase of the new EMS data system from ImageTrend. On November 15, 2011, the ICEMA Governing Board approved the MISS project (ePCR) with the initial three (3) year term at a cost of \$717,546. Currently, the original contract shows a year 3 annual support balance of \$77,120 due to continued implementation.

The following major expenditures were approved by the ICEMA Governing Board during the FY 2014-15 Budget Process:

<b>BOARD APPROVED BUDGET</b>	<b>Vendor</b>	<b>Amount</b>	
Additional annual support (6 modules)	ImageTrend	\$24,680.00	
EDS Licensure full version	ImageTrend	\$82,000.00	
Continued ePCR system on-site training	ImageTrend	\$20,000.00	
Electronic payment consultation services	ImageTrend	\$10,000.00	
Travel relating to ePCR system		\$3,000.00	
<b>Total</b>			<b>\$139,680.00</b>

**Trust Fund Utilization History**

September 2009	Printer Paper and Toner	\$28,000
January 2010	150 Ruggedized Flash Drives	\$5,000
May 2010	FY 2010-11 Printer Paper and Toners (ePCR printing @ hospitals)	\$25,000
July 2010	(7) Printers for hospitals	\$5,177
October 2010	Incidental expenses	\$5,000
January 2011	FY 2010-11 Printer Paper and Toners Increase	\$15,000
May 2011	(16) Printers add or replace for hospitals	\$12,500
July 2011	FY 2011-12 Printer Paper and Toners (ePCR printing @ hospitals)	\$40,000
July 2011	ePCR Data System - ImageTrend	\$750,000*
May 2012	Ground Medical Transportation System Consultant	\$40,000
July 2012	Incidental expenses	\$5,000
July 2012	FY 2012-13 Printer Paper and Toners (ePCR printing @ hospitals)	\$55,000
January 2013	Incidental expenses	\$5,000
January 2013	Additional ePCR Data System - ImageTrend	\$99,700
May 2013	FY 2012-13 Printer Paper, Toners and Travel Increase	\$8,000
May 2013	FY 2013-14 Printer Paper, Toners and Travel	\$70,000*
July 2013	Incidental expenses	\$5,000*

\* Endorsed amounts not fully exhausted to-date. Trust fund balance reflects all amount remain available.