



PREHOSPITAL MEDICAL ADVISORY COMMITTEE MEETING AGENDA (PMAC)

PMAC MEMBERS PER POLICY 8202:

Air Transport Provider Representative
11-Kent McCurdy

American Medical Response
5-Douglas Key

BLS Ambulance Service Representative
12-Lori Lopez

Cathedral City Fire Department
5-Robert Williams

Corona Regional Medical Center
1-James Rhee, MD
4-Sharon Salle

County Fire Chiefs' Non-Transport ALS Provide
10-Vacant

County Fire Chiefs' Non-Transport BLS Provide
9-Phil Rawlings (Vice Chair)

Desert Regional Medical Center
1-Joel Stillings, D.O
4-Kristie Borba

Eisenhower Medical Center
1-Frank Domzalski, MD
4-Tasha Anderson

EMT / EMT-P Training Programs
6-Maggie Robles

EMT-at-Large
13 David Olivas

Paramedic-at-Large
14-Sarah Coonan

Hemet Valley Medal Center
1-Todd Hanna, MD
4-Victoria Moor

Idyllwild Fire Protection District
5-Patrick Reitz

Inland Valley Regional Medical Center
1-Zeke Foster MD
4-Daniel Sitar

JFK Memorial Hospital
1-Troy Cashatt, MD
4- Phi Lam

Kaiser Permanente Riverside
1-Jonathan Dyreyes, MD
4-Carol Fuste

The Next Meeting of PMAC is on:

Monday, April 17, 2017

9:00 AM to 10:30 AM

The Towers of Riverwalk

4210 Riverwalk Parkway, Riverside

First Floor Conference Rooms

1. CALL TO ORDER & HOUSEKEEPING (3 Minutes)

Brian MacGavin

2. PLEDGE OF ALLEGIANCE (1 Minute)

Zeke Foster, MD (Chair)

3. ROUNDTABLE INTRODUCTIONS (5 Minutes)

Zeke Foster, MD (Chair)

4. APPROVAL OF MINUTES (3 Minutes)

October 24, 2016 Minutes— Zeke Foster, MD (Attachment A)

5. STANDING REPORTS

5.1. CQILT—Lisa Madrid (Attachment B)

5.2. Policy Updates & Trainings —Misty Plumley (Attachment C)

5.3. Trauma System—Shanna Kissel (Attachment D)

5.4. Stroke System— Shanna Kissel (Attachment E)

5.5. STEMI System— Shanna Kissel (Attachment F)

5.6. MCI Workgroup Update—Dan Bates (Attachment G)

6. DISCUSSION ITEMS, UNFINISHED & NEW BUSINESS (45 Minutes)

6.1. REMSA Staffing—Bruce Barton

6.2. REMSA Medical Director Introduction Statement—Reza Vaezazizi, MD

6.3. Stroke Center Designation—Dr. Vaezazizi

6.4. APOD Policy—Bruce Barton

Loma Linda University Med. Center Murrieta

1-Kevin Flaig, MD
4-Mike Staylor

Menifee Valley Medical Center

1-Todd Hanna, MD
4-Janny Nelsen

Kaiser Permanente Moreno Valley

1-George Salameh, MD
4-Katherine Heichel-Casas

Palo Verde Hospital

1-David Sincavage, MD
4-Camelita Aquines

Parkview Community Hospital

1-Chad Clark, MD
4-Guillean Estrada

Rancho Springs Medical Center

1-Zeke Foster, MD (Chair)
4-Sarah Young

Riverside Community Hospital

1-Stephen Patterson, MD
4-Sabrina Yamashiro

Riverside County Fire Department

5-Scott Visyak
8-Tim Buckley

Riverside County Police Association

7-Sean Hadden

Riverside University Health System Med. Center

1-Melanie Randall, MD
4-Kay Schulz

San Geronio Memorial Medical Center

1-Richard Preci, MD
4-Trish Ritarita

Temecula Valley Hospital

1-Pranav Kachhi, MD
4-Jacquelyn Ramirez

Trauma Audit Comm. & Trauma Program Managers

2-Frank Ercoli, MD
3-Shane McMurphy

Ex-officio Members:

1-Cameron Kaiser, MD, Public Health Officer
2-Reza Vaezazizi, MD, REMSA Interim Medical Director
3-Bruce Barton, REMSA Director
4-Brian MacGavin, REMSA Assistant Director
5-Keven Porter, Hospital Association of Southern California
6-Jeff Grange, MD, LLUMC
6-Phong Nguyen, MD, Redlands Community Hospital
6-Rodney Borger, MD, Arrowhead Regional Medical Center

Members are requested to please sit at the table with name plates in order to identify members for an accurate count of votes

Please come prepared to discuss the agenda items. If you have any questions or comments, call or email Brian MacGavin at (951) 358-5029 / bmacgavi@rivco.org. PMAC Agendas with attachments are available at: www.rivcoems.org. Meeting minutes are audio recorded to facilitate dictation for minutes.

7. ANNOUNCEMENTS (15 Minutes)

This is the time/place in which committee members and non-committee members can speak on items not on the agenda but within the purview of PMAC. Each announcement should be limited to two minutes unless extended by the PMAC Chairperson.

8. NEXT MEETING / ADJOURNMENT (1 Minute)

July 24, 2017—4210 Riverwalk Parkway First Floor Conference Rooms

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TOPIC	PRESENTATION / DISCUSSION	PMAC ACTION
1. CALL TO ORDER	<p>Brian MacGavin commenced the meeting at 9:00 AM and announced housekeeping items.</p> <p>Laura Wallin presented a performance excellence recognition to Paramedic Brandy Long.</p>	Information only.
2. PLEDGE OF ALLEGIANCE	Brian MacGavin led PMAC in the Pledge of Allegiance.	Information only.
3. ROUNDTABLE INTRODUCTIONS	Self-introductions were facilitated by Brian MacGavin.	Information only.
4. APPROVAL OF MINUTES	Phil Rawlings presented July 25, 2016 PMAC minutes for PMAC's approval.	July 25, 2016 PMAC meeting minutes were approved with no changes.
5. Nominations/Elections (Attachment B)		
5.1 Chairperson Nominations/Elections Brian MacGavin	Dr. Zeke Foster was nominated for the PMAC Chair for 2017 & 2018.	The nomination was approved by PMAC vote.
5.2 Vice Chairperson Nominations/ Elections -Brian MacGavin	Phil Rawlings was nominated for the PMAC Vice Chair for 2017 & 2018.	The nomination was approved by PMAC vote.
5.3 EMT-at-large Nominations/ Elections –Brian MacGavin	David Olivas nominated for PMAC EMT-at-large for 2017 & 2018.	The nomination was approved by PMAC vote.
5.4 Paramedic-at-large Nominations/ Elections –Brian MacGavin	Paul Duenas was nominated for Paramedic-at-large but was not present. Nominated members are required to be present. A motion was approved to proceed with the election rather than wait until the next PMAC meeting when Paul Duenas could be present. The nominees were Sarah Coonan and Chuck Clements.	Sarah Coonan was elected to be the Paramedic-at-large for 2017 & 2018.
5.5 Prehospital Provider Rep. to EMCC Nominations/Elections Brian MacGavin	Bret Offutt and Kristen Clements were nominated for PMAC Prehospital Provider EMCC Representative. Bret was not present during meeting.	Kristen Clements was elected to be the Prehospital Provider EMCC Representative.
6. Discussion Items, Unfinished & New Business		
6.1 REMSA Medical Director Position Bruce Barton	Bruce Barton stated that Dr. Vaezazizi has been REMSA's interim Medical Director since March 2016. Bruce announced that REMSA is moving forward with a regional medical direction model with ICEMA. Bruce explained the advantages of having a regional medical direction model. A contract is being processed with a possible start date in November 2016.	Information only.

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<p>6.2 MCI Workgroup Bruce Barton</p>	<p>Bruce Barton discussed the formation of a MCI workgroup for revision of the MCI policy that will be consistent with the State's statewide patient movement plan and address the concerns from TAC regarding patient triage and transportation destination decisions. Dan Bates from EMD Operations will be providing leadership over the workgroup and Lisa Madrid from REMSA will assist. Brian MacGavin suggested anyone interested in participating on this workgroup to notify Dan Bates after the meeting.</p>	<p>Information only.</p>
<p>6.3 Policy Changes / Updates Misty Plumley (Attachment C)</p>	<p>Bruce Barton announced that the Ambulance Patient Offload Delay (APOD) Policy will be implemented on December 1, 2016 and not on April 1, 2017. He explained the application of this policy and its development process.</p> <p>Changes were proposed for STEMI Receiving Centers (Policy 5401) and Data Security (Policy 7703) at the July PMAC meeting. Those policies were drafted, reviewed and release for stakeholder comment. The policies have been finalized and incorporated into our current 2016 policy manual.</p> <p>Charlie Hendra stated that the changes to the Universal Patient Protocol Policy for spinal stabilization are not consistent with TAC's recommendation. Bruce Barton said REMSA would confirm with Dr. Vaezazizi on his understanding of TAC's recommendation regarding this change to the policy. There was further discussion on the training and application of this policy.</p> <p>Misty presented discussion that occurred at CQILT meeting regarding the Calculation Chart (Policy 4103). The policy has been modified for using of Epinephrine 1:10,000 in cardiac arrest to be used every 5 minutes for a total of five times only. The policy was also been modified to allow Zofran to be repeated twice without a base hospital order. There was further discussion from PMAC concerning the possibility of high doses of Zofran being administered if allowed to be given three times in the field. The policy was modified to state Epinephrine 1:1000 IM for anaphylaxis. The reference to allergies and subcutaneous injection has been removed from the protocol. Feeding</p>	<p>Information only.</p> <p>PMAC voted to support the changes to the Universal Patient Policy. The motion passed without opposition.</p>

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	<p>tubes are to be clamped for interfacility transports. There was clarification in the policy allowing EMTs to use pulse oximetry for interfacility transports.</p>	
<p>7. REPORTS</p>		
<p>7.1 Training / Education Misty Plumley -Attachment D</p>	<p>Trainings on ImageTrend Elite, End-of-life Care, and the first quarter 2017-Protocol Updates are currently being provided by REMSA.</p> <p>ImageTrend Elite train-the-trainer trainings start in October. Protocol update education will focus on:</p> <ul style="list-style-type: none"> • Spinal stabilization • End-of-life Care • MCI definition change, and associated implication for patient transport • Policy changes/modifications proposed cardiac arrest, calculation chart, IFT 	<p>Information only.</p>
<p>7.2 Trauma System—Attachment E Shanna Kissel</p>	<p>The TXA trial study has been extended by 18 months ending in March 2018. To date, Riverside County has had 114 appropriate administrations, 14 patients met criteria but did not get TXA and 11 patients received TXA not meeting inclusion criteria (fallouts).</p> <p>REMSA Policy 5301-Trauma Triage Indicators and Destination and Policy 5302-Continuation of Trauma Patient Care have been sent out to non-trauma centers to help them better identify those trauma patients that should be sent to the trauma centers.</p> <p>Riverside County trauma centers will be going through the American College of Surgeons consultations/verifications beginning the second Quarter of 2017.</p> <p>There is a regional Trauma System Advisory Committee (TSAC) prior to Trauma Audit Committee (TAC) that is open to all field providers and hospitals representatives to attend. Please send any trauma items/ issues you would like to discuss at TSAC for placement on the agenda to Shanna Kissel at: shkissel@rivco.org.</p> <p>Governor Brown signed Assembly Bill 2007, youth sports concussion protocols into law on September 23, 2017. AB 2007 provides sports concussion safety requirements for community based sports</p>	<p>Information only.</p>

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	<p>programs. The bill covers training for coaches, parents and players.</p>	
<p>7.3 Stroke System Laura Wallin –Attachment F</p>	<p>Stroke and STEMI diversion data is being tracked by REMSA and reported at the stroke and STEMI meetings. This data will not be available until after the next stroke and STEMI system meetings on November 15.</p> <p>REMSA will be meeting with all prehospital receiving centers in Riverside County to discuss the importance of collecting data from all hospitals, including data on all stroke patients. This will give us a better understanding of how our stroke system is serving stroke patients.</p> <p>Five additional hospitals have received REMSA’s stroke center designation:</p> <ul style="list-style-type: none"> • Arrowhead Regional Medical Center (San Bernardino County) • Kaiser Ontario Medical Center (San Bernardino County) • Loma Linda University Medical Center (San Bernardino County) • Redlands Community Hospital (San Bernardino County) • Loma Linda University Medical Center Murrieta (Riverside County) <p>Patients who meet stroke center triage criteria may be directed by a Riverside County base hospital to the closest REMSA designated stroke center regardless if the closest designated stroke center is in San Bernardino or in Riverside County.</p>	<p>Information only.</p>
<p>7.4 STEMI System—Attachment G Laura Wallin</p>	<p>REMSA will be meeting with all prehospital receiving centers in Riverside County to discuss the importance of collecting data from all hospitals, including data on all STEMI patients. This will give us a better understanding of how our STEMI system is serving STEMI patients. Data collection for STEMI patients will be expanding in 2017 to include STEMI patients transported by EMS, walk-ins, interfacility transfers, and inpatients.</p>	<p>Information only.</p>
<p>7.5 ImageTrend Elite—Attachment H Trevor Douville</p>	<p>ImageTrend migration is ongoing. We have multiple agencies in the midst of integration and or CAD integration development. Train-the-trainer sessions for Elite have been scheduled starting in October, and will be scheduled into November and December as needed. Beta testing has been initiated by Riverside City FD and Pechanga FD.</p>	<p>Information only.</p>

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	<p>REMSA holds weekly implementation conference calls on Mondays from 10:30 AM to 11:30 AM to highlight the current progress of integrations and implementation. The conference Phone Number is: (888) 780-8948 Pass Code: 7608587.</p> <p>ImageTrend Elite Train-the-training dates are provided on Attachment H of the October 24, 2016 PMAC agenda. To register for a class contact Misty Plumley at: Mplumley@rivco.org.</p>	
<p>7.6 APOD Misty Heyden- Attachment I</p>	<p>The current Ambulance Patient Offload Delay Report contains data through the end of September 2016. A month-by-month comparison of 2015 and 2016 is provided on pages 3 and 4. Data by month for the last three months is available for each hospital on the last page of the report. As the report continues to be refined and improved, some graphs and data analysis methods may change.</p>	<p>Information only.</p>
<p>8. ANNOUNCEMENTS</p>	<p>Trevor Douville announced that Desert Regional Medical Center will be working with REMSA to integrate a PDF of the Elite ePCR into their medical records system.</p> <p>Jan Remm announced there is about a three percent trending decrease in APOD times from 2015. She has noticed that once a hospital reaches about a fifty percent compliance with FirstWatch's Transfer of Care (TOC) module there is about a fifty percent reduction in their APOD times. She encouraged hospital staff to continue to adopt and use FirstWatch TOC and other best practices to reduce APODs.</p> <p>Doug Key recognized Corona Regional Medical Center and Riverside Community Hospital for their efforts and results in reducing APOD times.</p> <p>Brian MacGavin reminded attendees to sign-in and or update contact info on sign-in sheet.</p> <p>Maggie Robles announced that Riverside County Office of Education (RCOE) will be participating at a Statewide high school level EMT competition for the first time. She also announced the passing of AB 1719 which requires all high school seniors, starting 2018 /2019 to pass CPR / AED requirement to graduate.</p>	<p>Information only.</p>

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	<p>Kay Schulz announced that Riverside University Health Care Systems Medical Center is hosting their annual Trauma Conference on October 27 and 28. The fee is forty dollars for one day and seventy dollars for both days.</p> <p>Charlie Hendra announced that Riverside University Health Care Systems Medical Center will be providing an ATLS ATCN course on November 19 and 20.</p> <p>Tim Buckley announced that there will be a cadaver lab training for IO, intubation and possibly needle thoracentesis on October 26, and 27 at the Ben Clark Training Center from 8 AM to 4 PM.</p>	
9. NEXT MEETING / ADJORNMENT	January 23, 2017 at 4210 Riverwalk Parkway in the first floor conference rooms.	Information only.

DRAFT

FOR CONSIDERATION BY PMAC

Attachment B
Page 1 of 1

DATE: April 4, 2017

TO: PMAC

FROM: Lisa Madrid, EMS Specialist

SUBJECT: CQILT

CQILT is scheduled to meet on April 13, 2017. The focus of this meeting will be learning to use ImageTrend's Report Writer. Data collection using Report Writer will be CQILT's focus for the next few months.

REMSA sent Riverside County's Core Quality Measures data to the State EMS Authority EMSA on March 30, 2017.

ACTION: Received and file

FOR CONSIDERATION BY PMAC

DATE: April 4, 2017

TO: PMAC

FROM: Misty Plumley, Senior EMS Specialist

SUBJECT: Policy, Training and Education Updates

Protocol and Policy Update (PUC) training should have been completed by all REMSA permitted and/or contracted providers by March 31, 2017. REMSA's 2017 Policy and Procedures Manual update, effective April 1, 2017, can be accessed at: www.remsa.us/policy.

ImageTrend Elite training has been completed for many providers and ongoing trainings will focus on continued ImageTrend Elite implementation through June 2017. If needed, REMSA will support EMS provider trainings with adjunct instructors and support staff. Please contact Misty Plumley, Scott Moffatt or Trevor Douville for assistance in ImageTrend Elite utilization for your organization.

The Hospital Hub which is a hospital based access point for EMS ePCR's has been implemented at all Riverside County Base Hospitals. All pre-hospital receiving centers will need to complete trainings to use the Hospital Hub. Please contact Misty Plumley at Mplumley@rivco.org for additional information.

REMSA staff were able to attend and support PUC trainings at multiple hospital and prehospital provider locations this quarter. REMSA appreciates the EMS community's support with the continued EMS education and training. This support has enabled us to expand our county-wide training cadre.

ACTION:

Providers who have not yet implemented ImageTrend Elite training should contact Misty Plumley as soon as possible.

Prehospital Receiving Centers needing access to the Hospital Hub should have their primary point of contact person contact Misty Plumley as soon as possible.

Please access the training curriculum at: <http://remsa.us/documents/programs/education/> for additional information on trainings.

FOR CONSIDERATION BY PMAC

DATE: April 4, 2017

TO: PMAC

FROM: Shanna Kissel, Assistant Nurse Manager

SUBJECT: Trauma System

1. TXA trial study Riverside County data:
 - 134 appropriate administrations
 - 32 patients that met criteria but did not get TXA (missed)
 - 18 patients that received TXA, but did not meet inclusion criteria (excluded)
2. Two of the four Riverside County Trauma centers have gone through their American College of Surgeons consults/ verifications.
3. The California State Trauma Summit is on May 1 and May 2 in San Diego
4. Next Trauma Audit Committee is on June 21, 2017 at ICEMA

ACTION: Receive and file

FOR CONSIDERATION BY PMAC

Date: April 4, 2017
TO: PMAC
FROM: Shanna Kissel, Assistant Nurse Manager
SUBJECT: Stroke System

- Stroke diversion by hospital will continue to be tracked by REMSA and reported at the stroke system meetings.
- 2017 stroke spreadsheet was updated and shared with stroke centers. REMSA will now be collecting data on Inner Facility Transfer (IFT) stroke patients transferred to a designated Riverside County stroke center. REMSA will also be working with the four REMSA designated stroke centers in San Bernardino County to receive data on confirmed stroke patients that originated in Riverside County.
- Over the next 18 months REMSA will be re-aligning the system stroke program with the state regulations.
- The next stroke meeting will be held at REMSA on May 18, 2017

Action: Receive and file

FOR CONSIDERATION BY PMAC

Date: April 4, 2017
TO: PMAC
FROM: Shanna Kissel, Assistant Nurse Manager
SUBJECT: STEMI System

- REMSA submitted comments on the draft State STEMI regulations and REMSA will be re-aligning our system STEMI program with the new State regulations
- REMSA is considering a new STEMI registry for enhanced data collection
- The next STEMI meeting is scheduled for April 20, 2017

ACTION: Receive and file

FOR CONSIDERATION BY PMAC

DATE: April 4, 2017

TO: PMAC

FROM: Dan Bates, Senior EMS Specialist

SUBJECT: MCI Workgroup

The MCI Workgroup held two meetings since the first quarter of 2017. A project timeline was developed and presented to workgroup members. Information gathered from the initial meetings was used in the development of the scope of work. A draft Request for Proposals (RFP) has been completed and forwarded to County Purchasing for processing and approval. REMSA is in the process of forming a panel from stakeholder group representatives to evaluate RFPs. The target date to have a consultant hired by June 30, 2017.

ACTION: Received and file