

# Medical Control Committee

MINUTES

JUNE 1, 2011 1:30 PM

PIKES PEAK REGIONAL DEVELOPMENT CENTER,  
2880 INTERNATIONAL CIRCLE, COLORADO SPRINGS

<b>FACILITATOR</b>	Dr. Jack Sharon
<b>NOTE TAKER</b>	Eileen Gonzalez
<b>ATTENDEES</b>	John Aker, Dr. Stein Bronsky, Robert Coffey, Bob Demetry, Jeff Force, Dr. Marilyn Gifford, Mark Homan, Dale Kuykendall, Scott McCune, Loy Osburne, Noel Perran, Dr. David Ross, Ted Sayer, Dan Vaught
<b>NOT PRESENT</b>	Dr. Robert Bux, Chief Tommy Smith

## 1. PUBLIC COMMENT

<b>DISCUSSION</b>	
None.	

## 2. APPROVAL OF THE APRIL 6, 2011 MINUTES

<b>DISCUSSION</b>		
None.		
<b>MOTION</b>	<b>PERSON RESPONSIBLE</b>	
Motion to approve the April 6, 2011 meeting minutes.	Dr. Marilyn Gifford	
Second	Dr. Stein Bronsky	
Approved	Unanimous	

## 3. A. RSI REVIEW

<b>DISCUSSION</b>	
Dr. Gifford reported that there were no RSI cases reviewed prior to this meeting.	

## 3. B. REVIEW OF PATIENT COMPLAINTS

<b>DISCUSSION</b>	
Dr. Sharon reported that one complaint would be reviewed after today's meeting, and that results would be reported at the next meeting.	

## 4. A. MEMBER/STAFF COMMENTS

<b>DISCUSSION</b>	
Dr. Ross presented updated CARES data, which indicated that El Paso County is doing fairly well in comparison to national data as it relates to overall survival and cerebral performance. The group also discussed new AHA guidelines relating to CPR.	

MEETING ADJOURNED AT 1:47 pm.

<b>CARES 2010 El Paso County/ National Data</b>		
<b>January 1, 2010 - December 31, 2010*</b>		
<b>Characteristic</b>	<b>El Paso County (N=264)</b>	<b>NATIONAL (N=11,982)</b>
<b>Age</b>	N=264	N=11980
Mean (SD)	64.1 (16.9)	64.4 (18.2)
Median	65.0	65
<b>Gender (%)</b>	N=264	N=11979
Female	90 (34.1)	4535 (37.9)
Male	174 (65.9)	7444 (62.1)
<b>Race (%)</b>	N=264	N=11970
American-Indian/Alaskan	0 (0)	64 (0.5)
Asian	0 (0)	169 (1.4)
Black/African-American	0 (0)	3015 (25.2)
Hispanic/Latino	2 (0.8)	603 (5.1)
Native American/Pacific Islander	0 (0)	89 (0.7)
White	16 (6.1)	4654 (38.9)
Unknown	246 (93.2)	3376 (28.2)
<b>Location of Arrest (%)</b>	N=246	N=11982
Educational Institution	2 (0.8)	25 (0.2)
Farm	0 (0)	3 (0.03)
Healthcare Facility	7 (2.7)	240 (2.0)
Home/Residence	170 (64.4)	8018 (66.9)
Hospital	4 (1.5)	46 (0.4)
Industrial Place	0 (0)	56 (0.5)
Jail	2 (0.8)	44 (0.4)
Nursing Home	30 (11.4)	1554 (13.0)
Other	2 (0.8)	345 (2.9)
Place of Recreation	6 (2.3)	159 (1.3)
Public/Commercial Building	23 (8.7)	716 (6.0)
Residence/Institution	3 (1.1)	161 (1.3)
Street/Highway	15 (5.7)	561 (4.7)
Transport Center	0 (0)	54 (0.4)
<b>Type of Initial Rhythm (%)</b>	N=264	N=11948
Vfib/Vtach	64 (24.2)	2268 (19.0)
Asystole	128 (48.5)	5294 (44.3)
Idioventricular/PEA	44 (16.7)	2396 (20.0)
Unknown Shockable Rhythm	14 (5.3)	620 (5.2)
Unknown Unshockable Rhythm	14 (5.3)	1370 (11.5)

<b>Arrest witnessed (%)</b>	N=264	N=11982
No	149 (56.4)	6429 (53.7)
Yes	115 (43.6)	5553 (46.3)
<b>Arrest after arrival of EMS or FR? (%)</b>	N=264	N=11982
No	241 (91.3)	10708 (89.4)
Yes	23 (8.7)	1274 (10.6)
<b>Who initiated CPR (%)</b>	N=264	N=11980
Not Applicable	0 (0)	13 (0.1)
Total Bystanders (LP+LPFM+LPMP)**	125 (47.4)	3929 (32.8)
First Responder	114 (43.2)	4466 (37.3)
Emergency Medical Services (EMS)	25 (9.5)	3572 (29.8)
<b>Who first applied automated external defibrillator (%)</b>	N=264	N=11976
Not Applicable	0 (0)	39 (0.3)
Total Bystanders (LP+LPFM+LPMP)**	14 (5.3)	487 (4.1)
First Responder	151 (57.2)	4545 (37.9)
Emergency Medical Services (EMS)	99 (37.5)	6905 (57.7)
<b>Return of Spontaneous Circulation in Field (%)</b>	N=264	N=11978
No	161 (61.0)	7587 (63.3)
Yes	103 (39.0)	4391 (36.7)
<b>Pre-hospital Outcome (%)</b>	N=264	N=11982
Dead in Field	78 (29.6)	3068 (25.6)
Ongoing Resuscitation in ED	172 (65.2)	6640 (55.4)
Pronounced in ED	14 (5.3)	2274 (19.0)
<b>Overall Survival (%)</b>	N=264	N=11982
Overall Survival to Hospital Admission	84 (31.8)	3321 (27.7)
Overall Survival to Hospital Discharge	32 (12.1)	1246 (10.4)
With Good or Moderate Cerebral Performance	29 (11.0)	937 (7.8)
<b>Utstein Survival (%)</b>	N=36	N=1631
Witnessed by bystander and found in shockable rhythm	30.6	31.8
<b>Utstein Bystander Survival (%)</b>	N=24	N=777
Witnessed by bystander, found in shockable rhythm, and received some bystander intervention (CPR by bystander and/or AED applied by bystander)	37.5	34.7

\*Excludes unworked arrests and arrests of non-cardiac etiology

\*\*Total Bystanders (LP+LPFM+LPMP): LP=layperson; LPFM=layperson family member; LPMP=layperson medical provider