

Base Station Physicians' Committee (BSPC) - 2006 Meeting Minutes

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County of San Diego

JEAN M. SHEPARD
DIRECTOR

HEALTH AND HUMAN SERVICES AGENCY

NANCY L. BOWEN, M.D., M.P.H.
PUBLIC HEALTH OFFICER

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Vital Records

Base Station Physicians' Committee
Jim Dunford, M.D., Chairperson
c/o Emergency Medical Services
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San Diego, CA 92120
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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, January 17, 2006

Members Present

Broyles, R.N., Linda – Scripps La Jolla
Castro, Ben – Co. Paramedics Agencies' Committee
Davis, M.D., Dan – UCSD/Mercy Air
Dunford, M.D., Jim – City of San Diego
Geddes, Michael – S.D. Co. Paramedics' Association
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomerado
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
Linnik, M.D., Bill – Sharp Grossmont
Morikado, M.D., Lisa – Scripps La Jolla
Stonecipher, R.N., Joanne – Southwestern College
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Gardina, R.N., Les
Marcotte, R.N., Annie
Metz, R.N., Marcy
Murrin, R.N., Patti
Stepanski, Barbara
Vilke, M.D., Gary

Guests Present

Allington, R.N., Linda – No. County Fire
Anderson, R.N., Marilyn – Vista Fire
Barnes, R.N., Melanie – S.D. Med. Service Enterprise
Bourdon, R.N., Darlene – Scripps Mercy
Dotson, R.N., Melody – UCSD
Graydon, R.N., Cheryl – Palomar
Henry, Chad – American Medical Response
Lee, James – American Medical Response
Marsan, Robert – UCSD
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Ochs, R.N., Ginger – San Diego Fire Rescue
Raine, R.N., Susan – Tri-City
Rosenberg, R.N., Linda – Sharp Memorial
Sallee, M.D., Don – Naval Medical Center San Diego
Seabloom, R.N., Lynne – Oceanside Fire
Smith, R.N., Susan – San Diego Fire Rescue
Workman, R.N., Debi – Palomar College

Recorder

Rupp, Merle

I. INTRODUCTIONS/ANNOUNCEMENTS

Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

On page 3 of the previous minutes of October 18, 2005, Section V, Spinal Immobilization, La Mesa Fire reps did not consult with Dr. Vilke and Sharp Grossmont staff prior to changing their protocol and education for c-spine immobilization. Grossmont Hospital Prehospital staff and Dr. Vilke were notified after the change had taken place. The issue was referred to BSPC for discussion due to the change in practice at one fire department—for recommendation from the County on how patients in San Diego County should be c-spined in the future, so that there would be one standard of care.

With the above-mentioned correction, MOTION made by Jim Harley, M.D., Seconded by Melody Dotson, R.N., to approve the Minutes of October 18, 2005. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Gary Vilke, M.D.)

Farewell from Dr. Vilke: In what could be his last BSPC meeting, Dr. Vilke thanked everyone for allowing him to participate in the EMS system for the last few years.

New EMS Medical Director: Sam Stratton, M.D., is scheduled to take over the duties of San Diego County EMS Medical Director February 1, 2006. Dr. Stratton has served as the Medical Director for Los Angeles County for about ten years and understands the EMS system quite well in the State. Dr. Stratton will be leaving his position with U.C. Irvine and will be a full-time employee of San Diego County.

STEMI Update: The second Cardiology Advisory Committee (CAC) meeting was held January 4, 2006. It served as a very productive meeting with diverse representation from many hospitals and stakeholder groups. The process towards designating STEMI receiving centers continues to move forward. Kudos to Les Gardina, R.N., County EMS, who has been instrumental in meeting with multiple facilities and staff numerous times at various cath labs.

Stroke Update: Plans are continuing to move forward towards establishing a regionalized stroke system. The Stroke Care Improvement Oversight Task Force has been meeting since August, 2005 and subcommittees are being established to explore opportunities that were brought out at the Stroke Summit which was held in November, 2005. The three subcommittees are the Early Recognition/Education, Inpatient, and Acute Care Group. County Supervisor Pam Slater-Price is a strong supporter.

ROC Update: The Resuscitation Outcomes Consortium continues to move forward with protocol development and local resource identification. The hypertonic saline study for patients with severe traumatic brain injury or shock from hemorrhagic shock is progressing forward and hopefully will be initiated in the spring.

Patient Destination Trial: Compared to the previous twelve months, patient's requesting to be transported to a specific facility of their choice, has improved between 40 and 50%. Bill Linnik, M.D. recommended that encouraging data such as this needs to be heard by hospital chief executive officers. **ACTION: Dr. Vilke will compose and send some information out in this regard.**

Offload Delays: A trial period from April 3 through April 17 will review hospital off-

load delays. Both EMT and paramedics delays will be reviewed. If the delay is more than ten minutes, why is it occurring? Nursing shortage? Lack of space? Lack of wheelchairs, etc. County EMS will collect the forms that are filled out and analyze the data.

IV. BASE HOSPITAL NURSE COORDINATOR'S RPT. (Melody Dotson, R.N.)

Susan Rainey, R.N., was introduced as the new Base Hospital Nurse Coordinator for Tri-City Medical Center.

Four Annex D's occurred over the past four months.

The BHNC's are going to continue the Designation Report Study for six months. Some of the criteria may change. Results of that will come back to BSPC in later months.

V. ROC UPDATE (Dan Davis, M.D.)

Currently there are three protocols that are currently being put forward. First is the Epistry, a data collection tool; next is Hypertonic Saline for head injury and traumatic shock; third is the CPR protocol. It should be known by the end of February whether or not the hypertonic saline study will be approved.

VI. IMPLICATIONS OF NEW ACLS GUIDELINES (Jim Dunford, M.D.)

Some highlights from a Power Point presentation include but are not limited to:

- New ACLS Guidelines were published in December, 2005.
- National Sudden Cardiac Arrests in the country were 330,000 with an overall survival rate of 6.4.
- The public access defibrillation rates are 49 to 74% survival rates.
- High quality CPR resulted in a two or three-fold increase in survival.
- Improving chest compressions is very important; push hard and fast.
- AED's for ages one to eight are acceptable for a lay rescuer.
- For CPR, recommendation is to tilt head with 5-10 seconds to detect normal breathing.
- Dispatcher CPR says compression only.
- For two-person CPR, adult rate will be 30-2 and kids 50-2.
- Defibrillation or shocking patients AED's are acceptable to age one. The patient should be shocked once then immediately begin two minutes of CPR, then check the rhythm.

VII. EMSA PPE GRANT (Marcy Metz, R.N.)

No discussion.

VIII. SAN DIEGO HEALTHCARE DISASTER COUNCIL (Linda Rosenberg, R.N.)

No discussion.

**IX. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

No discussion.

X. SET NEXT MEETING/ADJOURNMENT

Dr. Dunford thanked Dr. Vilke for his performance, his excellent work and kind spirit as EMS Medical Director and presented him with a plaque.

The next meeting was scheduled for Tuesday, February 21, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 1:00 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary,
County EMS



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JEAN M. SHEPARD
DIRECTOR

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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, February 20, 2007

Members Present

Castro, Ben – Co. Paramedics Agencies Committee
Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Dunford, M.D., Jim – City of San Diego
Geddes, Mike – S.D. Co. Paramedics' Association
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomerado
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
Linnik, M.D., Bill – Sharp Grossmont
Morikado, M.D., Lisa – Scripps La Jolla
Schwartz, M.D., Brad – American Medical Response
Stonecipher, R.N., Joanne – Southwestern College
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Metz, R.N., Marcy
Pate, R.N., Rebecca
Stepanski, Barbara

Recorder

Rupp, Merle

Guests Present

Anderson, R.N., Marilyn – Vista Fire
Barnes, R.N., Melanie – S.D. Med. Serv. Enterprise
Bourdon, R.N., Darlene – Scripps Mercy
Broyles, R.N., Linda – Scripps La Jolla
Buono, M.D., Colleen – UCSD/Palomar College
Cerrone, R.N., Sharon – Mercy Air
Eldridge, R.N., Leslie – Sharp Memorial
Graham, Dan – S.D. Co. Ambulance Association
Graydon, R.N., Cheryl – Palomar
Kelly, R.N., Donna – UCSD ROC
Kremer, D.O., Arnold – Alvarado
Kusman, Travis – American Medical Response
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Miranda, Aaron – S.D. Co. Paramedics' Association
Nielsen, Michael – UCSD
Rainey, R.N., Susan – Tri-City
Ramanujam, M.D., Prasanthi – UCSD
Rosenberg, R.N., Linda – Sharp Memorial
Seabloom, R.N., Lynne – Oceanside Fire
Shepherd, Matt – Naval Medical Center San Diego
Smith, R.N., Susan – San Diego Fire Rescue
Steen, R.N., Pam – Mercy Air
Workman, R.N., Debi – Palomar College

I. INTRODUCTIONS/ANNOUNCEMENTS

Judd Glasser, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

MOTION made by Jim Dunford, M.D., Seconded by Michele Grad, M.D., to approve the Minutes of January 16, 2007. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Paradise Valley Hospital: The State Attorney General's Office will be making a decision by February 26, 2007 regarding the purchase of Paradise Valley by Dr. Prim Reddy. There are other local community individuals who also have demonstrated an interest in purchasing it.

Stemi Receiving Center: The Stemi Receiving Center system was activated on January 16th and is functioning well. Some minor issues have shown up such as over-triaging. Destinations for the patients are determined by the twelve-lead results. Paramedics in the field need to be re-freshed on information that was sent out in a letter from Dr. Haynes dated December 20, 2006 and the paramedics need to have Quality Improvement right at the time. The quality and results of the EKG needs to be reported to the base hospital right away; a double-check with the nurses would be helpful.

Brad Schwartz, M.D., American Medical Response, stated that he had discussed this issue with a colleague in Boston where they use electrode type stickers along with a tight Quality Improvement system where the paramedic gives the EKG results to the doctor, the doctor would tell he or she their interpretation, and then the medic is responsible for filling out a web-based survey on that EKG.

The American Heart Association is going to have a task force on STEMI regionalization in Los Angeles soon where Jim Dunford, M.D., will be chairing. Dr. Dunford could present an update at next month's BSPP meeting.

Infectious Disease Exposures: County EMS is conducting a survey from hospitals to make sure that a field provider gets follow-up from a disease exposure and is taken care of right away.

Flu Season: Hospital visits are lower than past years. Influenza isolates fell off last week.

Safety Net: The Health and Human Services Agency is convening a health care safety net roundtable and work groups to look at funding, advocacy, South County and care coordination issues. The Medical Society will be appointing some physicians members. Dr. Haynes and other senior EMS staff met with South Bay hospital representatives recently to discuss offload issues, among other things.

Recent Emergency Medical Care Committee (EMCC) Disaster Operations Subcommittee Meeting: A recent EMCC subcommittee meeting with Chief Pete Lawrence, Oceanside Fire, resulted in a recommended change to language regarding how patients are distributed from the scene of an accident. This language will probably be inserted into the current Annex D document. The language that was agreed upon at the meeting is as follows:

“In a declared Annex D event, it is expected that all receiving hospitals will accept at least one immediate and one delayed patient. Incident Management personnel are authorized to transport up to one immediate and/or one delayed patient to each receiving facility upon initial base hospital contact. Any additional patients transported will be in accordance with bed counts from the base hospitals.”

IV. BASE HOSPITAL NURSE COORDINATOR’S REPORT (Linda Rosenberg R.N.)

Audits are continuing on Pediatric CPR, I.O.’s and Bradycardia and those reports will be brought back to BSPC when completed.

V. ROC UPDATE (Dan Davis, M.D.)

The Hypertonic Saline Study began in San Diego recently but no patients have been enrolled yet. Approximately twenty patients a month are anticipated. Data is also being contributed to the Epistry data base and data use agreements in place with the participating hospitals. The process is in place to stock all the non-City of San Diego units with fluids. The group went through its first data safety monitoring board inspection with ROC at the end of January and there were no problems identified. The San Diego ROC staff are attempting to recruit Orange County to participate in the Hypertonic Saline Study in lieu of the City of San Diego.

The first round of approvals have been completed on the Cardiac Arrest Study with no obstacles raised thus far. Everything is pending final approval by UCSD. The community consultations have been completed. There was media notice but only a handful of people attended the community meetings. The training is approximately half completed for the prehospital agencies in the Cardiac Arrest Trial.

VI. INTRAOSSEOUS LINES - (Bruce Haynes, M.D.)

After reviewing the results from the pediatric intraosseous lines this past year, Dr. Haynes recommended not moving forward with the Intraosseous Lines for adults this year and also due to the fact that staff of County EMS have a multitude of projects going on at this time.

Dr. Dunford suggested at least allowing agencies to “pilot the project,” particularly an agency such as the City of San Diego who is not participating in ROC. According to an article in JEMS magazine, 60% of EMS communities perform I.O.’s. He added that the City of San Diego could do it as a pilot project as they are not involved in the ROC.

Dr. Schwartz added that approximately 30-35% of AMR medics across the country are using I.O.’s, and the numbers are increasing each year.

Dan Davis, M.D., made a MOTION that the County allow I.O.’s to be used by the agencies who can demonstrate appropriate training and quality assurance programs to maintain their skills of their providers, and that be subject to approval.

Dr. Dunford recommended including I.O.’s as an optional skill for agencies with the caveat to demonstrate training and quality assurance.

Amending his own MOTION, Dr. Davis added that the optional skill be added to the scope of practice by the agencies, based on assuming they can demonstrate to the

County or this body (BSPC), an appropriate training and quality assurance program. Dr. Dunford seconded it and the committee by consensus advised the MOTION to move forward. MOTION carried.

VII. POLICIES FOR REVIEW

ACTION: The following policies were approved with minor revisions: D-108, P-405 and P-408. P-405 will be reviewed further at the following PAC meeting.

VIII. PROTOCOLS FOR REVIEW

ACTION: The following protocols were approved with minor revisions: S-123, S-127, S-139, and S-163. Protocol S-143 will be reviewed further and brought back to another BSPC meeting.

**IX. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

HACOT met in January. They talked about physician restrictions on Pandemic which was information that apparently came from the Center for Disease Control.

HACOT also discussed outreach to native American tribes coming up with alternative care sites for patients.

**X. SAN DIEGO HEALTHCARE DISASTER COUNCIL
(Linda Rosenberg, R.N.)**

The next County-wide disaster drill is scheduled for March 8-9, 2007. The scenario will be an anthrax outbreak involving three million people being prophylaxed within seventy-two hours. The City Readiness Initiative program will be initiated and practiced during this drill as well as distribution of the Strategic National Stockpile pharmaceuticals. Through the HRSA (Health Resources and Services Administration) grant, funding has been made possible for the purchase of prophylaxis equipment. Many hospitals will also be testing their internal prophylaxis policies.

The Statement of Work for HRSA Year Five should be going out to hospital administrators shortly for review and signature.

XI. ITEMS FOR FUTURE DISCUSSION

Add to the agenda for next time, the use of Amiodarone and Lidocaine.

XII. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, March 20, 2007, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 12:45 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary
County EMS



County of San Diego

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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, March 21, 2006

Members Present

Castro, Ben – Co. Paramedics Agencies' Committee
Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – Base Hospital Nurse Coordinators
Dunford, M.D., Jim – City of San Diego
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomerado
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
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County Staff Present

Marcotte, R.N., Annie
Murrin, R.N., Patti
Stepanski, Barbara

Recorder

Rupp, Merle

I. INTRODUCTIONS/ANNOUNCEMENTS

Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

Dr. Haynes and Marcy Metz, R.N., County EMS, are attending the EMDAC meeting this date and won't be in attendance.

Guests Present

Allington, R.N., Linda – North County Fire
Anderson, R.N., Marilyn – Vista Fire
Barnes, R.N., Melanie – S.D. Med. Serv. Enterprise
Broyles, R.N., Linda – Scripps La Jolla
Buono, M.D., Colleen – UCSD
Fisher, Roger – S.D. Med. Serv. Enterprise
Foehr, Rick – EMSTA, Inc.
Goldsmith, Donna – City of San Diego
Graydon, R.N., Cheryl – Palomar
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Murphy, R.N., Debi – Escondido Fire
Nordt, M.D., Sean – UCSD
Norris, R.N., Monica – Scripps Mercy
Ochs, R.N., Ginger – City of San Diego
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Sallee, M.D., Don – Naval Medical Center San Diego
Seabloom, R.N., Lynne – Oceanside Fire
Smith, R.N., Susan – San Diego Fire Rescue
Steen, R.N., Pam – Mercy Air

II. APPROVAL OF MINUTES

From the previous minutes, it was noted that the word “taser” is spelled with an “s” rather than a “z”.

With the above-mentioned correction, MOTION made by Jim Harley, M.D., Seconded by Dan Davis, M.D., to approve the Minutes of February 21, 2006. MOTION carried.

III. MEDICAL DIRECTOR’S REPORT (Jim Dunford, M.D. for Bruce Haynes, M.D.)

STEMI Update: The Cardiology Advisory Committee (CAC) met March 1, 2006 and voted to recommend that STEMI patients not go more than an additional five minutes transport to get to a hospital of patient’s choice. EMS is now working on the policies, data collection tools and performance improvement documents. Dr. Haynes will present more information on base decision-making at the April BSPC meeting.

Discussion ensued on the appropriate amount of time for transporting patients to cath labs and whether or not they should bypass a closer cath lab due to a patient requesting another hospital. Suggestions were made for anywhere from zero minutes to an hour, with the latter reason being because it takes about an hour for a cath lab to get up and running, regardless of how quickly the patient is brought into the hospital. There could be a difference between day and night hours as well as weekends. **Final recommendation was for 10.**

Stroke Update: The Stroke Task Force and its’ three subcommittees have met. The three subcommittees are the Early Recognition/Education, Acute Emergency Care and Inpatient. EMS will devise and distribute a questionnaire to the hospitals to try and determine actual capabilities and practice. The goal is to improve stroke care both in the hospitals, and improve community risk factors and response to symptoms. An award of \$20,000 was given by the County Board of Supervisors to the American Heart Association and the CHIP program for early education about stroke.

Emergency Medical Oversight Committee (EMOC): The group is hoping to conduct the off-load delay study in April, but one or more hospitals may not participate. The instrument will be revised to address their concerns and go ahead with the audit. If necessary, selected geographic areas of concern will be focused on. The capacity audit will continue to monitor the number of patients held twice a day.

Destination Report: Discussion ensued on this section on the Destination Report trial continuing through July 31, 2006, which gave a number of PEARLS from the BHNC’s that have come out of the first six months of the trial. **ACTION: Melody Dotson, R.N., will bring more information back next month at the April 18, 2006 BSPC meeting.**

IV. BASE HOSPITAL NURSE COORDINATOR’S RPT. (Melody Dotson, R.N.)

No discussion.

V. ROC (Resuscitation Outcomes Consortium) UPDATE (Dan Davis, M.D.)

Dave Hoyt, M.D. will be leaving San Diego and going to work at UC Irvine effective July 1, 2006. The ROC grant is for an institution and not an individual so the grant will stay with UCSD and San Diego County. Dr. Davis will now become the Principle Site Investigator.

The Hypertonic Saline Study has now received all of its' approvals and is now going through the process of approval at each of the trauma centers and has gained preliminary approval at UCSD. There will be a press release from the National Institute of Health (NIH) this week regarding ROC clearing the way for community consultations and disclosures over the next month. Training will probably begin in May and into early June so agencies will be contacted about training opportunities.

The second study is The ROC Epistry in which Barbara Stepanski has taken the lead from County EMS. The Epistry is the data base for ROC studies. Outcome data will be collected primarily from the QCS.

CPR process data is going to be collected by new technology built into the defibrillator/monitors, amount of chest compressions, "time on the chest" and ventilations are the data which will be collected. ROC will work with each agency on how that's going to occur. It involves a new set of pads on the chest.

The anticipated start date of the cardiac arrest trial is late summer/early fall and has received preliminary approval from the FDA. That training will involve a hands-on portion.

VI. PROTOCOL REVISIONS (Jim Dunford, M.D.)

Discussion ensued and revisions were suggested on policies S-127, S-136, D-108 and D-109. Dr. Dunford suggested that a group work on these policies to make them more consistent with American Heart Association guidelines.

VII. SAN DIEGO HEALTHCARE DISASTER COUNCIL (Linda Rosenberg, R.N.)

The State has approved San Diego County's HRSA Year Four application and the Statement of Work should be coming out soon. Hospital Administrators signed off and the contract is being finished. The State provides funds through HRSA grants to counties for purchasing disaster equipment.

The next County-wide disaster drill date has been established for Tuesday, May 23, 2006 around 5:00 p.m. The scenario will probably be an earthquake.

VIII. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)

(Jim Dunford, M.D.)

HACOT has not been meeting regularly but a subcommittee has been meeting to discuss the Avian Flu with a 180-day plan.

IX. ROUNDTABLE

No discussion.

X. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, April 18, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 1:00 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary,
County EMS



County of San Diego

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County Staff Present

Haynes, M.D., Bruce
Marcotte, R.N., Annie
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Recorder

Rupp, Merle

Guests Present

Allington, R.N., Linda – No. Co. Fire Prot. District
Anderson, R.N., Marilyn – Vista Fire
Barnes, R.N., Melanie – S.D. Med. Services Enterprise
Bourdon, R.N., Darlene – Scripps Mercy
Brock, R.N., Sharon – Sharp Grossmont
Brown, R.N., Lana – UCSD ROC
Broyles, R.N., Linda – Scripps La Jolla
Buono, M.D., Colleen – UCSD EMS Fellow
Chhieng, Norak – Naval Medical Center San Diego
Chlarsen, Karl – San Marcos Fire
Eldridge, R.N., Leslie – Sharp Memorial
Foehr, Rick – East Co. Fire/EMSTA, Inc.
Frederick, Bill – San Marcos Fire
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Kelly, R.N., Donna – UCSD ROC
Lee, James – American Medical Response
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Myers, Dannie – American Medical Response
Ochs, R.N., Ginger – San Diego Fire Rescue
Oshima, Aaron – Mercy Air
Rainey, R.N., Susan – Tri-City
Ramanujam, M.D., Prasanthi – UCSD EMS Fellow
Rosenberg, R.N., Linda – Sharp Memorial
Sallee, M.D., Don – Naval Medical Center San Diego
Seabloom, R.N., Lynne – Oceanside Fire
Shults, R.N., Sheri – Children's
Smith, Dennis – American Medical Response
Smith, R.N., Susan – San Diego Fire Rescue
Steen, R.N., Pam – Mercy Air
Workman, R.N., Debi – Palomar College

I. INTRODUCTIONS/ANNOUNCEMENTS

Dan Davis, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

MOTION made by Jim Harley, M.D., Seconded by Steve Zahller, M.D., to approve the Minutes of March 21, 2006. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

STEMI Update: The Cardiology Advisory Committee (CAC) met April 5, 2006, and reviewed data on one year's experience in Orange County, and field EKG data from the City of San Diego and the County databases. Similar rates of over-triage were noted. The designation criteria for receiving hospitals was distributed to the hospitals for review, and the associated policies will go to EMCC Prehospital/Hospital subcommittee for review next month after clearing review by County Counsel. The criteria for designated hospitals will be in the Memorandum of Understanding between the County and the hospitals.

Stroke Update: A survey of hospitals' stroke services is nearing completion to be sent out. Following that, the advisory committees will meet again. The purpose is to improve stroke care in the county, both in hospitals, and in the community through awareness and prevention. This will continue over the next year or so.

Patient Destination Data: A spike in the number of ALS patients transported during the month of Marcy, 2006 was noted with no specific reason known although there has been a slight resurgence of influenza recently.

Emergency Medical Oversight Committee (EMOC): The offload time study data collection instrument has been changed. There will be a discussion of the appropriate time limit for offload of patients at the May meeting. The study will likely be done in May. The Hospital Association reported the tobacco tax initiative will be on the November ballot. State hospital licensing and certification declined to change the rules on sending patients to floors pending an available bed. They suggested collecting data on patients awaiting admission. This is being done as a capacity report to be given by EMS at the next EMOC meeting. 5150 training will also be discussed at the next EMOC.

IV. BASE HOSPITAL NURSE COORDINATOR'S RPT. (Melody Dotson, R.N.)

Work is continuing on the Lasix study and monitoring all Lasix calls. Results of that study will be presented next month and Barbara Stepanski, County EMS, will make a presentation on the results.

The Patient Destination Report meeting was held earlier this date and some questions will be brought back to PAC for discussion.

V. PROTOCOL UPDATE

Protocols S-136 and S-127 were discussed and revisions were suggested.

VI. ROC UPDATE (Dan Davis, M.D.)

The Polyheme Trial will stop enrolling patients at the end of this week. The broader study will continue for approximately two more months. A form letter is being drafted to be sent to American Medical Response and San Diego Medical Services Enterprise/Rural Metro informing employees that Polyheme will be pulled off the rigs. Hypertonic Saline training will start in May. Base hospitals have been contacted already to schedule their training and a ROC representative will go to each group. If agencies have people who would like to be “train the trainers,” accommodations can be made for that. The University of Washington has a program that will be available with an on-line testing piece.

The Cardiac Arrest Trial is slated for the end of summer/early fall with training in August or September.

Any agencies who receive federal funding for research need to have an arrangement with an IRB (Institutional Review Board) with the assurance that training and studying will be conducted according to the design of the study. Dr. Davis will have jurisdiction over the training and on-going monitoring

VII. PATIENT DESTINATION REQUEST (Lisa Morikado, M.D.)

Dr. Morikado reported that there have been instances where patients who request “Scripps” have been taken to Scripps La Jolla instead of Scripps Mercy. The lack of clarification of which facility and transport to the wrong hospital leads to a delay in obtaining medical record information and results in interfacility transfers. The recommendation is that in cases where there are more than one hospital in a healthcare system, the prehospital providers clarify which hospital is home to the patient’s care.

**VIII. SAN DIEGO HEALTHCARE DISASTER COUNCIL
(Linda Rosenberg, R.N.)**

The HRSA Year Four contracts should all be out to the hospitals by now. The HRSA Workgroup met and discussed trailers with the goal of having a decontamination trailer available in every region. Four hospitals were selected yesterday to be those sites, those being Sharp Grossmont, UCSD, Scripps La Jolla and Palomar.

The next regional disaster drill is scheduled for Tuesday, May 23, 2006 beginning around 5:00 p.m. with an earthquake scenario occurring that morning. Volunteers are needed.

**IX. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

No report.

X. ROUNDTABLE

Pam Steen, R.N., Mercy Air, announced that there will be a new second aircraft beginning operations in May, 2006. Mercy Air will be opening Life Net California in Imperial County. The aircraft will be black and gold and will be used only in Imperial County for 9-1-1 responses.

XI. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, May 16, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 1:00 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary,
County EMS



County of San Diego

JEAN M. SHEPARD
DIRECTOR

HEALTH AND HUMAN SERVICES AGENCY

NANCY L. BOWEN, M.D., M.P.H.
PUBLIC HEALTH OFFICER

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Vital Records

Base Station Physicians' Committee
Jim Dunford, M.D., Chairperson
c/o Emergency Medical Services
6255 Mission Gorge Road
San Diego, CA 92120
(619) 285-6429 Fax: (619) 285-6531

BASE STATION PHYSICIANS' COMMITTEE MEETING Minutes Tuesday, May 16, 2006

Members Present

Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Dunford, M.D., Jim – City of San Diego
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomerado
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
Morikado, M.D., Lisa – Scripps La Jolla
Schwartz, M.D., Brad – American Medical Response
Workman, R.N., Debi – Palomar College
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Gardina, R.N., Les
Haynes, M.D., Bruce
Marcotte, R.N., Annie
Stepanski, Barbara

Recorder

Rupp, Merle

Guests Present

Allington, R.N., Linda – No. County Fire
Bourdon, R.N., Darlene – Scripps Mercy
Brown, R.N., Lana – UCSD ROC
Broyles, R.N., Linda – Scripps La Jolla
Buono, M.D., Colleen – UCSD
Drummond, Brian – Naval Medical Center San Diego
Eldridge, R.N., Leslie – Sharp Memorial
Fisher, Roger – San Diego Fire Rescue
Graydon, R.N., Cheryl – Palomar
Kelly, R.N., Donna – UCSD Trauma Research
Lee, James – American Medical Response
Lyon, Sandra – San Diego Fire Rescue
MacPherson, Garry – Poway Fire
Marugg, Jim – S.D. Co. Paramedics' Association
Minns, Alicia – UCSD
Myers, Dannie – American Medical Response
Ochs, R.N., Ginger – San Diego Fire Rescue
Oshima, Aaron – Mercy Air
Raine, R.N., Susan – Tri-City
Ramanujam, M.D., Prasanthi – UCSD
Rosenberg, R.N., Linda – Sharp Memorial
Sallee, M.D., Don – Naval Medical Center San Diego
Seabloom, R.N., Lynne – Oceanside Fire
Steen, R.N., Pam – Mercy Air
Storkel, Eric – Grossmont/EMSTA
Walker, Errika – Naval Medical Center San Diego

I. INTRODUCTIONS/ANNOUNCEMENTS

Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

It was noted on page two of the previous minutes of April 18, 2006, under “Patient Destination Data” second line should read “month of March” rather than “month of Marcy.”

With the above-mentioned correction, MOTION made by Jim Harley, M.D., Seconded by Lisa Morikado, M.D., to approve the Minutes of April 18, 2006. MOTION carried.

III. MEDICAL DIRECTOR’S REPORT (Bruce Haynes, M.D.)

Alvarado Hospital: The Office of the Inspector General started action to withdraw Medicare patients from Alvarado after the investigation into “inducements” at the hospital. If successful, the action would likely result in the hospital’s closure. Alvarado will likely appeal the notice and usually a settlement is reached in these cases to allow the hospital to continue in the Medicare program. EMS is working on a contingency plan if the hospital were to close. Dr. Haynes requested to let him know if anyone has any thoughts on the contingency plan.

Off-load Study: Letters will go out to the hospitals to seek cooperation in the off-load study conducted by EMOC and EMS. The study is scheduled to begin June 5, 2006 and run for two weeks, ending on June 18, 2006. The purpose will be to examine the length of time it takes for patients to be moved from ambulance personnel to the care of the hospital on a hospital bed, and determine how often the off-load time is substantial and might delay an EMS unit from getting back in service.

Capacity Study: The hospital capacity study is underway, looking at the number of admitted patients held in the E.D. at 8:00 a.m. and 8:00 p.m. Data entry at this point has been inconsistent with only 23% of the possible twice a day entries completed. EMS will work on improving the response and clarifying any questions. Hospitals should be entering QCS each day at 8:00 a.m. and 8:00 p.m. with the number of admitted patients being held in the E.D. for ICU, telemetry, and floor beds. Entries must be two digits each.

STEMI Update: STEMI receiving center facility standards were approved at the last Cardiology Advisory Committee (CAC) meeting. Applications should go out to the hospitals in the near future. Designation policies are delayed by legal review, but should go to EMCC in June, 2006. It is hoped that applications will be returned to County EMS in June and the system up and running in July, 2006. Dr. Haynes thanked Les Gardina, R.N., County EMS, for his tremendous efforts.

Stroke Update: The Acute Care/Emergency questionnaire is out at the hospitals and the Steering Committee will meet again on June 9, 2006.

Dr. Hoyt: David Hoyt, M.D., is leaving San Diego after many years at UC San Diego and has accepted a position as Chief of Surgery at UC Irvine. Dr. Hoyt has served as Chief of the trauma service, has been a tireless advocate for trauma care, and a world renowned researcher.

5150 Guidelines: EMOC is changing the guidelines as to who has authority to designate patients for 5150's. Mental Health reached a point where they felt a review was needed on who has this power. E.D. physicians will need to review the new material and new rules and take a brief test.

IV. BASE HOSPITAL NURSE COORDINATOR'S RPT. (Melody Dotson, R.N.)

The Coordinators continue to work on the Lasix study with Barbara Stepanski, County EMS and hopefully that information can be presented at next month's BSPC meeting.

V. ROC UPDATE

The Hypertonic Saline study has been preliminarily approved by all the trauma centers and UCSD, pending community consultation. Work continues with the Institutional Review Board (IRB) to develop the appropriate community forums, hopefully to have five forums, plus a telephone survey and a meeting with community leaders. Senator Grassley from Iowa has been a great supporter. Lana Brown, R.N., UCSD, and a few other staff, have been providing much assistance and it is the hope that the study can begin in July, 2006.

The Cardiac Arrest study has been approved by the FDA pending minor revisions and the FDA is expected to respond within a month and-one-half. Hopefully that study will begin in the early fall. Agencies will be able to use that time interval as an opportunity to train with the new ACLS guidelines.

On the Epistry data collection, the only thing to currently consider is the quality of CPR monitoring. The group will work with each agency on how they would like to collect the data.

VI. ADULT I.O. (Jim Dunford, M.D.)

Currently there is no procedure in the County for doing adult I.O.'s. Dr. Dunford suggested from current literature, this could be added as a skill for paramedics by July, 2006. The American Heart Association has adopted intraosseous lines for cardiac arrest as a rapid alternative to delivering drugs.

Brad Schwartz, M.D., American Medical Response suggested having experts come and speak on the topic at a BSPC meeting and make it an optional scope of practice. Dr. Schwartz can arrange that. Another suggestion was to spend the money on other items such as EKG's. Linda Broyles, R.N., Scripps La Jolla, stated that the BHNC's could review data on it. Dr. Haynes noted that consideration to use I.O.'s in adults is reasonable; the protocol would not be changed in 2006.

**VII. ETCO2 CRITERIA FOR DECLARING MEDICAL ARRESTS ON SCENE
(Jim Dunford, M.D./Prasanthi Ramanujam, M.D.)**

A question that arose from the UCSD Journal Club was whether or not ETCO2 could be used to declare medical death on scene. Literature was reviewed from the 1980's and 1990's and one article showed good correlation with ETCO2 in animals. The most

important article reviewed was from the New England Journal of Medicine from 1997 where if someone wasn't resuscitated for twenty minutes and their Entidal CO2 was less than 10. Another article stated that if Epinephrine was being used, there was a big change in the CO2. Quality CPR was very important. These studies were small and no action was taken.

**VIII. SAN DIEGO HEALTHCARE DISASTER COUNCIL
(Linda Rosenberg, R.N.)**

The Council has planned a disaster drill for Tuesday, May 23, 2006 with the focus on surge capacity for hospitals and using the equipment that has been purchased through HRSA dollars for isolation and surge capacity. There will be an incidental earthquake in northern California that will challenge local hospitals. Another area will need supplies from San Diego County and hospitals will attempt to get the supplies to them. E.R. physicians were welcomed to attend. The event will begin around 4:30 p.m.

The Council is also looking into buying decontamination trailers for the regions. Sharp Grossmont, Scripps La Jolla, Palomar and UCSD would purchase them. The County is currently getting bids on those. The trailers could also be used for triage or other things.

**IX. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

HACOT has not met for awhile. Homeland Defense, has put together for all regions in the U.S., and for about fifteen different disciplines, a regional plan for events combining earthquake, smallpox, botulism and tsunami. The federal government is developing a matrix and has decided there needs to be a standard curriculum for all regions to handle these types of things.

Jack Walsh, R.N., is the County EMS representative for the Pandemic Influenza and will be asked to make a presentation at BSPP on the subject. Airports already have a plan in place as to where they would quarantine people who might show up with symptoms.

X. ROUNDTABLE

None.

XI. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, June 20, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 1:00 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary,
County EMS



County of San Diego

HEALTH AND HUMAN SERVICES AGENCY

PUBLIC HEALTH SERVICES

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Maternal, Child and Family Health Services
Public Health Laboratory
PH Nursing/Border Health
TB Control & Refugee Health
Vital Records

BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, June 20, 2006

Members Present

Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomerado
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
Linnik, M.D., Bill – Sharp Grossmont
Morikado, M.D., Lisa – Scripps La Jolla
Stonicepher, R.N., Joanne – Southwestern College
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Gardina, R.N., Les
Haynes, M.D., Bruce
Marcotte, R.N., Annie
Metz, R.N., Marcy
Stepanski, Barbara
Walsh, R.N., Jack

Guests Present

Anderson, R.N., Marilyn – Vista Fire
Barnes, R.N., Melanie – S.D. Med. Services Enterprise
Bourdon, R.N., Darlene – Scripps Mercy
Brown, R.N., Lana – UCSD ROC
Broyles, R.N., Linda – Scripps La Jolla
Cerrone, Sharon – Mercy Air
Eldridge, R.N., Leslie – Sharp Memorial
Foehr, Rick – East Co. Fire; EMSTA, Inc.
Graydon, R.N., Cheryl – Palomar
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Morton, Chuck – San Marcos Fire
Ochs, R.N., Ginger – San Diego Fire Rescue
Raine, R.N., Susan – Tri-City
Ramanujam, M.D., Prasanthi – UCSD EMS
Rosenberg, R.N., Linda – Sharp Memorial
Seabloom, R.N., Lynne – Oceanside Fire
Shults, R.N., Sheri – Children's
Smith, R.N., Susan – San Diego Fire Rescue
Steen, R.N., Pam – Mercy Air

Recorder

Rupp, Merle

I. INTRODUCTIONS/ANNOUNCEMENTS

Mark Kramer, M.D., substituting for Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

On page 3 of the previous minutes of May 16, 2006, under Section VI, Adult I.O., second paragraph sentence should read “Another suggestion was to spend the money on other items such as twelve-lead EKG transmission capability.”

With the above-mentioned correction, MOTION made by Steve Zahller, M.D., Seconded by Lisa Morikado, M.D., to approve the Minutes of May 16, 2006. MOTION carried.

III. MEDICAL DIRECTOR’S REPORT (Bruce Haynes, M.D.)

IOM Report: The Institute of Medicine just released a three-year study of emergency medical services in the U.S. Brent Eastman, M.D., was on the national committee and quite helpful in framing the questions and observations. The report outlines a variety of areas that could be improved, along with recommendations. Three publications make up the report, one on hospital-based emergency care, prehospital EMS, and pediatric emergency care.

STEMI Update: STEMI receiving center applications are coming in to San Diego County EMS. The implementing policies will go to the Emergency Medical Care Committee on Thursday, June 22, 2006 for approval. There will be brief site visits to the applicants and the system hopefully will go ahead in August.

Off-Load Study: There is some difficulty in getting all patients logged in as part of the study, so the Emergency Medical Oversight Committee (EMOC) recommended that the study be extended one week.

Capacity Study: The hospital capacity study is underway, looking at the number of admitted patients held in the E.D. at 8:00 a.m. and 8:00 p.m. Data entry to this point has been somewhat hit or miss with only about 20% of the possible entries completed. EMS will work on the response and clarifying any questions.

Stroke Update: The Acute Care/Emergency questionnaire shows that many hospitals already have a number of the components of primary stroke centers, and that TPA is used. The Steering Committee reviewed the survey and made some suggestions for follow-up, and we hope to add more respondents. Sixteen responses have been received, including one from Children’s Hospital.

Inservice: Education is underway with different providers. A clarifying letter went out regarding implementation.

Auto Pulse Article: There is a good editorial on Auto Pulse in a recent Journal of American Medical Association.

High Capacity Day July 1st: Several major events will be going on Saturday, July 1, 2006 which may have an impact on prehospital and hospital capacity: San Diego Padres baseball game with a block party, along with the San Diego County Fair in Del Mar.

IV. BASE HOSPITAL NURSE COORDINATOR’S RPT. (Melody Dotson, R.N.)

The BHNC's will be presenting their Lasix Study at the Prehospital Audit Committee meeting this date.

The BHNC's just sent out their newsletter. If anybody is interested who is not receiving a copy, please let Ms. Dotson know.

V. **ROC UPDATE** (Dan Davis, M.D.)

After approximately two years, the first ROC (Resuscitation Outcomes Consortium) patient was enrolled in Canada. Hopefully this will be an incentive for the National Institute of Health to continue to fund ROC. The American sites are currently waiting to do their community consultation pieces.

Most of the IRB's (Institutional Review Boards) for the initial study on trauma have been deferred to the University. Community meetings will be scheduled roughly in the trauma catchment areas of each trauma center. A telephone survey will be conducted soon of a random digit dialing of about 500 people in English and Spanish. Concerns are being addressed at community meetings and there will be a media blitz preceding the meetings.

The community consultations with Polyheme were primarily aimed at Jehovah Witnesses and shareholders in the community.

It is anticipated that the Hypertonic Saline Study will begin in August, 2006. Donna Kelly, R.N., is the primary nurse coordinator for ROC, temporarily held up in Canada. Lana Brown, R.N. will be covering for Donna, but she will be on vacation for the next two weeks. It is anticipated that a third nurse may be hired at the initiation of the first trial.

The Cardiac Arrest Study response to the FDA (Food and Drug Administration) was re-submitted and no response has been received back on that yet. Most of the deliberations and the follow-up pieces, and how much contact there will be at the national study was pretty much settled.

Dr. Davis added that ACLS (Advanced Cardiac Life Support) updates can be added as part of the ROC training.

Discussion ensued on the ratio of chest compressions to ventilation. Dr. Haynes stated that consistent and uniform compressions is the important aspect of the new CPR changes.

VI. **PANDEMIC INFLUENZA PLAN** (Jack Walsh, R.N.)

Some highlighted comments from presentation:

- People confuse the terms pandemic and Avian flu, Bird flu and seasonal flu
- There are millions of wild and domestic birds around the world
- There is a high mortality rate for those people who are diagnosed with the flu strain H5N1
- No human-to-human transmission evident yet
- Restrictions have been implemented on importation of birds to S.D. County

- A public information campaign is planned for the near future to compare seasonal, Avian and Pandemic flues where problems, precautions and risks are discussed by public health nurses and health educators
- There is not expected to be any immunity to the novel virus should it mutate and achieve human-to-human transmission; it could circumnavigate the globe in a matter of a few months
- No cases are known of a Novel Influenza virus infection to date
- Surveillance has been increased in San Diego County for H5N1
- Any information on suspect situations is transmitted to County Epidemiology
- County staff are working with the Sheriff's Dept. to make sure the officer in the field can actually enforce an order for quarantine as the terminology needs to be very clear-cut
- County staff are also working with agencies such as the American Red Cross, fire chiefs and VOAD (Voluntary Organizations Active in Disaster) to ensure cooperation and understanding
- It is projected that approximately 1,500 hospital beds could be made available through the surge capacity plan
- The County is working with the Center for Disease Control, state, federal agencies and community clinics to coordinate efforts
- The County would recommend triage areas outside of hospital emergency departments

VII. STEMI SYSTEM OVERTRIAGE (Bruce Haynes, M.D.)

Orange County started a STEMI system last year with hospitals designated between February and May. Not all ALS providers have 12-lead. The number of patients who received angioplasty or stents was 64% of the patients triaged in the field. Fourteen percent had angiography only, and 22% didn't go to the cath lab. The fastest hospital had a mean time of 48 minutes. The non-cath lab cases were part over-triage with the biggest reason being a false-positive algorithm. Overall, excellent door-to-balloon times were discovered.

VIII. POLICY REVIEW (S-402 and S-414) (Marcy Metz, R.N.)

Ms. Metz announced that these two policies had been reviewed by both the County Public Health Director and County Counsel. The policies were approved as submitted.

**IX. SAN DIEGO HEALTHCARE DISASTER COUNCIL
(Linda Rosenberg, R.N.)**

The County-wide disaster drill was held on May 23, 2006 which was a good learning experience. A critique of the drill followed on May 31, 2006.

HRSA Year Five will be coming out soon. HRSA Year Four was focused on education and funding is being finalized.

The November state-wide drill is scheduled for Wednesday, November 15, 2006.

**X. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

No report.

XI. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, July 18, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 12:30 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary
County EMS



County of San Diego

JEAN M. SHEPARD
DIRECTOR

HEALTH AND HUMAN SERVICES AGENCY

NANCY L. BOWEN, M.D., M.P.H.
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BASE STATION PHYSICIANS' COMMITTEE MEETING Minutes Tuesday, July 18, 2006

Members Present

Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Dunford, M.D., Jim – City of San Diego
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomeroado
Kramer, M.D., Mark – Sharp Memorial
Linnik, M.D., Bill – Sharp Grossmont
Morikado, M.D., Lisa – Scripps La Jolla
Schwartz, M.D., Brad – American Medical Response
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Marcotte, R.N., Annie
Metz, R.N., Marcy
Stepanski, Barbara

Recorder

Rupp, Merle

Guests Present

Allington, R.N., Linda – North County Fire
Bourdon, R.N., Darlene – Scripps Mercy
Brown, R.N., Lana – UCSD ROC
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Buono, M.D., Colleen – UCSD
Cerrone, R.N., Sharon – Mercy Air
Fisher, Roger – San Diego Fire Rescue
Frederick, Bill – San Marcos Fire
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Morton, Chuck – San Marcos Fire
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Rainey, R.N., Susan – Tri-City
Ramanujam, M.D., Prasanthi – UCSD EMS
Rosenberg, R.N., Linda – Sharp Memorial
Rudinsky, Sherri – Naval Medical Center San Diego
Sallee, M.D., Don – Naval Medical Center San Diego
Smith, R.N., Susan – San Diego Fire Rescue
Steen, R.N., Pam – Mercy Air

I. INTRODUCTIONS/ANNOUNCEMENTS

Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

Dr. Dunford thanked Mark Kramer, M.D., for chairing last month's BSPC meeting.

II. APPROVAL OF MINUTES

MOTION made by Mark Kramer, M.D., Seconded by Steve Zahller, M.D., to approve the Minutes of June 20, 2006. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

STEMI Update: Twelve hospitals applied to become STEMI Receiving Centers. Eight hospitals received their site visit for STEMI receiving center designation. Another four will be surveyed later this week. The plan is to begin operations in August, 2006, after Board of Supervisors' approval and designation of the facilities with Memorandum of Agreements. All the related policies have been approved through the Emergency Medical Care Committee.

Offload Study: Data is being generated and tabulated now. A quick look shows some delays, but generally short off-load times. This will be presented at the September, 2006 BSPC meeting.

Capacity Study: The hospital capacity study again had about 19% of possible data reported for June, 2006. After extended discussion at the Emergency Medical Operations Committee (EMOC), Roneet Lev, M.D., sent out a reminder on data collection. After several more months the group may re-look as how to conduct the study and the goal.

Alvarado Hospital Update: The San Diego Union-Tribune has reported Tenet Healthcare stated all bidders for Alvarado Hospital operate hospitals. This is good news and seems to increase the chances the hospital will continue to operate as an acute care facility.

Overcrowding Summit: This EMOC event is set for Tuesday, October 3, 2006 and will include presentations by hospitals with idea sharing on solutions.

Ginger Ochs, R.N., San Diego Fire Rescue, distributed some correspondence on EMTALA regulations regarding when a patient becomes a hospital patient upon delivery from an ambulance or other means.

IV. BASE HOSPITAL NURSE COORDINATOR'S RPT. (Melody Dotson, R.N.)

A mini-study on I.V. success rate was conducted in March, 2006 from all adult CPR patients with cardiac arrest. A total of 187 CPR's were reviewed. A total of 163 were attempted with a I.V. success rate of 91%.

V. ROC UPDATE (Dan Davis, M.D.)

The Hypertonic Saline Study is up and running with Canadian sites only thus far. The community consent process within the next week or two will include an advertising campaign. Then individual Institutional Review Boards (IRB's) will be submitted for final review so the start-up date is hoped to be early August, 2006. A telephone survey was conducted of over 500 people and overwhelming support was received by approximately 80%. Dr. Davis is responsible for the training which requires special software. A press release will eventually be released.

VI. I.O.'s (Jim Dunford, M.D.)

The issue at this time is where does the BSPC want to go with adult I.O. lines. Brad Schwartz, M.D., has offered to set up a data-based presentation by a manufacturer that will not be vendor-oriented. **ACTION: Dr. Schwartz will meet with the company representative(s) and put the representative in touch with Colleen Buono, M.D., and Prasanthi Ramanujam, M.D. to discuss further whether or not a presentation can be set up for BSPC in the near future.**

**VII. SAN DIEGO HEALTHCARE DISASTER COUNCIL
(Linda Rosenberg, R.N.)**

All the participating hospitals should be making their purchases for HRSA Year Four due by July 31, 2006. Components for HRSA Year Four purchases include surge capacity, pharmaceutical cache, education and training.

The Council conducted a disaster drill critique and minutes from that July 12, 2006 meeting are available. The Council also decided to participate primarily in the State-wide drill of Wednesday, November 15, 2006. The State-wide drill will consist of a mass destruction scenario, earthquake and decontamination. On November 16, 2006, the County's Medical Operations Center (MOC) will have a drill with San Bernardino County to do community work. That is still being planned.

**VIII. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

The National Foundation for Trauma has identified Children's Hospital San Diego as one of the top five most prepared trauma centers in the nation for disaster preparedness. The hospital filled out a survey and underwent a site verification visit last week.

The full HACOT group has not met in awhile but a subcommittee working on Quarantine Isolation continues to meet. Their next meeting is September 16, 2006.

A document on the Avian Flu has been circulating and being reviewed by various groups. **ACTION: Dr. Haynes will find out what's happening with that document and possibly bring it or send it out to BSPC for review in the near future.**

IX. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, September 19, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 12:45 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary
County EMS



County of San Diego

JEAN M. SHEPARD
DIRECTOR

HEALTH AND HUMAN SERVICES AGENCY

NANCY L. BOWEN, M.D., M.P.H.
PUBLIC HEALTH OFFICER

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Maternal, Child and Family Health Services
Public Health Laboratory
PH Nursing/Border Health
TB Control & Refugee Health
Vital Records

Base Station Physicians' Committee
Jim Dunford, M.D., Chairperson
c/o Emergency Medical Services
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San Diego, CA 92120
(619) 285-6429 Fax: (619) 285-6531

BASE STATION PHYSICIANS' COMMITTEE MEETING Minutes Tuesday, September 19, 2006

Members Present

Castro, Ben – Co. Paramedics Agencies' Committee
Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Dunford, M.D., Jim – City of San Diego
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomerado
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
Linnik, M.D., Bill – Sharp Grossmont
Morikado, M.D., Lisa – Scripps La Jolla
Schwartz, M.D., Brad – American Medical Response
Workman, R.N., Debi – Palomar Collage
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Marcotte, R.N., Annie
Metz, R.N., Marcy
Pate, R.N., Rebecca
Stepanski, Barbara

Guests Present

Anderson, R.N., Marilyn – Vista Fire
Barnes, R.N., Melanie – S.D. Med. Serv. Enterprise
Bourdon, R.N., Darlene – Scripps Mercy
Brown, R.N., Lana – UCSD ROC
Broyles, R.N., Linda – Scripps La Jolla
Buono, M.D., Colleen – UCSD
Frederick, Bill – San Marcos Fire
Graydon, R.N., Cheryl – Palomar
Kelly, R.N., Donna – UCSD ROC
Lee, James – American Medical Response
McFarland, M.D., Cameron – UCSD Residency
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Myers, Dannie – American Medical Response
Ochs, R.N., Ginger – San Diego Fire Rescue
Rainey, R.N., Susan – Tri-City
Rosenberg, R.N., Linda – Sharp Memorial
Sallee, M.D., Don – Naval Medical Center San Diego
Seabloom, R.N., Lynne – Oceanside Fire
Smith, Dennis – American Medical Response
Steen, R.N., Pam – Mercy Air

Recorder

Rupp, Merle

I. INTRODUCTIONS/ANNOUNCEMENTS

Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

MOTION made by Jim Harley, M.D., Seconded by Mark Kramer, M.D., to approve the Minutes of July 18, 2006. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

STEMI Update: The Board of Supervisors approved the Board Letter authorizing the Memorandum of Agreements (MOA's) for STEMI receiving centers in San Diego County. A template of the MOA has already been sent out to the hospitals for review.

Alvarado Hospital: County EMS is trying to keep track of developments there but it is a highly secretive process.

Overcrowding Summit: The Emergency Medical Operations Committee (EMOC) will be discussing overcrowding and high volume times at hospitals at their next meeting on October 3, 2006.

Abaris Study: A preliminary version of the healthcare safety net study in San Diego County by the Abaris Group is now available for review at <http://abarisgroup.com>. The study evaluates the current healthcare system in San Diego and projects needs into the next ten, fifteen and twenty-five years. The report will go to the Board of Supervisors in the next couple of weeks.

Off-Load Study: Nineteen hospitals participated in the off-load study from June 5-26, 2006 where paramedics and EMT's signed over patients to the receiving hospital emergency rooms and recorded the time of transfer with hospital emergency room personnel. Overall, 45% of patients received at participating hospitals had a form completed and returned (2,670 forms/5,917 patients). Eighty-eight percent of the reported offloads occurred within ten minutes or less. Dr. Haynes welcomed the opportunity for attendees to review their particular hospital results.

Capacity Study: These reports are continuing every month. For July, there was a 29% rate of possible data reported and in August the rate was 34%.

Cardiology Advisory Committee (CAC): CAC met last week and the group agreed to do a cost analysis putting EKG transmission from the paramedics to the base hospitals county-wide. A few hospitals have committed to it thus far.

Dr. Dunford thanked Dr. Haynes for doing such a great job since coming to work for San Diego County and continuing the great work that Gary Vilke, M.D., had done before leaving.

Protocol Revision Task Force: Each year staff from BSPC volunteers to serve on the Protocol Revision Task Force. The group will meet half a day to review adult protocols and half a day for pediatric protocols in October or November, 2006. A representative from Children's Hospital always participates in the pediatric review. **ACTION: Steve Zahler, M.D., Scripps Mercy, agreed to serve as a rep from BSPC this year.**

IV. BASE HOSPITAL NURSE COORDINATOR'S RPT. (Melody Dotson, R.N.)

The most recent version of the Base Hospital Nurse Coordinator (BHNC) newsletter was sent out recently. If you are not receiving it and would like to, please contact Ms. Dotson and she will be glad to add you to the e-mail list.

Monica Norris, R.N., has resigned as BHNC for Scripps Mercy Hospital. Darlene Broudon, R.N., is continuing to serve as interim BHNC until a permanent person is hired.

V. ROC UPDATE (Dan Davis, M.D.)

Most of the end of July and August this year we're spent conducting the community consultation meetings. Media, television ads and newspaper articles for the meetings were published but were not too well attended. A random-digit telephone survey was conducted with over 500 people contacted in English and Spanish. About 80% of respondents wanted to be in a trial of hypertonic saline and 85% in a cardiac arrest trial. This turned out to be the most useful information in discussing it with public officials; research that the public feels is important.

The ROC group has been able to get all of the hospitals on a time line to be finished with the IRB's (Institutional Review Boards) process around the second week of October, 2006. The only remaining piece is to get data-use agreements in place so the ROC personnel can collect the data. Dr. Dunford met this morning with City of San Diego Mayor Jerry Sanders seeking approval from the Mayor and is awaiting feedback at this time. If Mayor Sanders approves it for the City of San Diego, training could begin in early October, 2006. **ACTION: It was requested that Dr. Dunford notify BSPC members when a decision had been reached.**

The Polyheme Study has been completed and results are expected to be released by early November, 2006.

VI. EMS Avian Flu Discussions (Bruce Haynes, M.D.)

Dr. Haynes plans on sending out a statement in the near future to advisory field personnel on identifying people with Avian Flu. Annie Marcotte, R.N., County EMS, has been spearheading a committee that has met twice. Discussions have included whether or not dispatch centers can include asking questions to find out if the caller has traveled to any countries where the Avian Flu is prevalent. The County is working on getting all fire chiefs and battalion chiefs to sign up for E-MAN to receive medical alert notices.

VII. SERIAL INEBRIATE PROGRAM (Jim Dunford, M.D.)

ACTION: Tabled until October 17, 2006 BSPC meeting.

VIII. SAN DIEGO HEALTHCARE DISASTER COUNCIL

(Linda Rosenberg, R.N.)

The annual Statewide drill is scheduled for Wednesday, November 15, 2006.

The annual Miramar drill is scheduled for Thursday, September 21, 2006 which is confidential to military base personnel. Scripps La Jolla will be the base station for the drill.

An extension was granted for the HRSA (Health Resources Services Administration) Year Four grants.

IX. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)

(Jim Dunford, M.D.)

Pandemic Planning continues with HACOT. Their next meeting is October 17, 2006.

X. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, October 17, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 12:45 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary
County EMS



County of San Diego

HEALTH AND HUMAN SERVICES AGENCY

JEAN M. SHEPARD
DIRECTOR

NANCY L. BOWEN, M.D., M.P.H.
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Base Station Physicians' Committee
Jim Dunford, M.D., Chairperson
c/o Emergency Medical Services
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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, October 17, 2006

Members Present

Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Dunford, M.D., Jim – City of San Diego
Glasser, M.D., Judd – Tri-City
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
Linnik, M.D., Bill – Sharp Grossmont
Morikado, M.D., Lisa – Scripps La Jolla
Schwartz, M.D., Brad – American Medical Response
Stonecipher, R.N., Joanne – Southwestern College
Zahller, M.D., Steve – Scripps Mercy

County Staff Present

Haynes, M.D., Bruce
Marcotte, R.N., Annie
Metz, R.N., Marcy
Pate, R.N., Rebecca

Recorder

Rupp, Merle

Guests Present

Anderson, R.N., Marilyn – Vista Fire
Bourdon, R.N., Darlene – Scripps Mercy
Brown, R.N., Lana – UCSD ROC
Broyles, R.N., Linda – Scripps La Jolla
Cerrone, R.N., Sharon – Mercy Air
Eldridge, R.N., Leslie – Sharp Memorial
Foehr, Rick – EMSTA, Inc.
Graydon, R.N., Cheryl – Palomar
Hamman, M.D., Shane – UCSD EMS Resident
Kelly, R.N., Donna – UCSD ROC
Lee, James – American Medical Response
Marugg, Jim – S.D. Co. Paramedics' Association
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Myers, Dannie – American Medical Response
Ochs, R.N., Ginger – San Diego Fire Rescue
Raine, R.N., Susan – Tri-City
Ramanujam, M.D., Prasanthi – UCSD EMS
Rosenberg, R.N., Linda – Sharp Memorial
Sallee, M.D., Don – Naval Medical Center San Diego
Seabloom, R.N., Lynne – Oceanside Fire
Smith, Dennis – American Medical Response

I. INTRODUCTIONS/ANNOUNCEMENTS

Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

MOTION made by Jim Harley, M.D., Seconded by Lisa Morikado, M.D., to approve the Minutes of September 19, 2006. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Flu Vaccine: All providers should be arranging for influenza vaccine for their employees. They should also be encouraged to receive Tdap (with new pertussis vaccine) if they need tetanus shot, or for routine immunizations when possible.

Alvarado Hospital: No new information available on the sale at this time.

Overcrowding Summit: Was well attended and many ideas shared for increasing efficiency and throughput of patients. Likely to be repeated next year.

Abaris Study: Is available on-line for review.

IV. CARDIOLOGY ADVISORY COMMITTEE (Bruce Haynes, M.D.)

Cardiology Advisory Committee (CAC): At the last meeting there were several presentations about the transmission of EKG's. Paul Phillips, M.D., Scripps Mercy, was elected to the first Chair of CAC and will Chair the first formal meeting in January, 2007. Memorandum of Agreements between the hospitals and the County have gone back and forth several times and hopefully the system will be operational in November, 2006.

ACTIONS: Dr. Haynes will send out a letter about the time of the implementation of the STEMI system along with educational materials to reduce the number of "false positives" 12-lead EKG's; will talk to Ray Kolpacoff at Kaiser to investigate how transfers of STEMI patients to Scripps La Jolla is currently being accomplished; and will check into how many patients are going to emergency departments of hospitals that don't provide PCI (Percutaneous Coronary Intervention).

ACTION: Consensus was reached to have the Cardiology Advisory Committee as a regular agenda item for BSPC.

V. BASE HOSPITAL NURSE COORDINATOR'S RPT. (Melody Dotson, R.N.)

No report.

VI. ROC UPDATE (Dan Davis, M.D.)

Institutional Review Board (IRB) approval has been received from each of the five trauma centers. The only remaining piece is related to the data use and the agreement between UCSD and each of the hospitals. It is hoped that this could be accomplished by the beginning of November. A distribution plan will be worked on for the Hypertonic Saline Study in parallel with submitting the Cardiac Arrest Study to the hospitals. Lana Brown, R.N., will contact the agencies to set up a study plan, with the option to update with the new American Heart Association (AHA) guidelines. At this time, the City of San Diego is not planning on participating in the ROC Studies.

VII. I.O.'s (Prasanthi Ramanujam, M.D.)

Dr. Ramanujam attended a recent conference in San Antonio, Texas regarding the use of Intraosseous (I.O.'s) Needles. Highlighted comments follow:

- The end of the bone in the red matter is where the needle is best placed.
- The use of the I.O. needle is recommended when you have difficult I.V. placement.
- Contraindications are local infections, prosthesis, fractures, recent I.O. in the same extremity, peripheral vascular compromise and absence of anatomical landmarks.
- Complications include extravasation, compartment syndrome, dislodgement, fracture, failure (device or user), pain and when infection rates are less than 0.6.
- Manufacturers recommend using a flush prior to using any kind of drugs.
- The company will demonstrate the use of needles and provide training for EMT's.
- EMT-B's were able to successfully place EZ-10 on the first attempt in 94% of cases.
- Eighty-one percent of California counties are using I.O.'s.

In summary, time to placement similar (I.O. vs. IV), outcomes are similar in resuscitation, infusion rates similar and simple training sessions.

MOTION made by Brad Schwartz, M.D., American Medical Response, recommending BSPC approve the use of Adult I.O.'s and use whatever device people want, but he couldn't recommend that Easy I.O. Driver be used.

Dr. Dunford added that the BSPC recommend that the County EMS Medical Director consider adding I.O. to the scope for Adult I.O.'s. All attendees were in favor.

VIII. SERIAL INEBRIATE PROGRAM (Jim Dunford, M.D.)

No report.

**IX. SAN DIEGO HEALTHCARE DISASTER COUNCIL
(Linda Rosenberg, R.N.)**

The Statewide drill is scheduled for Wednesday, November 15, 2006. A drill subcommittee of the San Diego Healthcare Disaster Council has met and composed a scenario for San Diego County hospitals with three different options. Prior to the drill the hospitals will be able to choose how they want to participate, with a number of options available.

**X. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

HACOT will meet tomorrow (October 18, 2006). Dr. Dunford is giving a presentation to San Diego Medical Services Enterprise on the Avian Flu and Dr. Haynes is working with the Fire Chiefs on the same subject.

XI. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, November 21, 2006, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 12:45 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary
County EMS



County of San Diego

JEAN M. SHEPARD
DIRECTOR

HEALTH AND HUMAN SERVICES AGENCY

NANCY L. BOWEN, M.D., M.P.H.
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Base Station Physicians' Committee
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BASE STATION PHYSICIANS' COMMITTEE MEETING

Minutes

Tuesday, November 21, 2006

Members Present

Davis, M.D., Dan – UCSD/Mercy Air
Dotson, R.N., Melody – UCSD
Dunford, M.D., Jim – City of San Diego
Glasser, M.D., Judd – Tri-City
Grad, M.D., Michele – Palomar/Pomerado
Harley, M.D., Jim – Children's
Kramer, M.D., Mark – Sharp Memorial
Linnik, M.D., Bill – Sharp Grossmont
Morikado, M.D., Lisa – Scripps La Jolla
Stonecipher, R.N., Joanne – Southwestern College
Zahller, M.D., Steve – Tri-City

County Staff Present

Haynes, M.D., Bruce
Marcotte, R.N., Annie
Pate, R.N., Rebecca
Stepanski, Barbara

Recorder

Rupp, Merle

Guests Present

Barnes, R.N., Melanie – S.D. Med. Serv. Enterprise
Bourdon, R.N., Darlene – Scripps Mercy
Brown, R.N., Lana – UCSD ROC
Broyles, R.N., Linda – Scripps La Jolla
Buono, M.D., Colleen – UCSD
Cerrone, R.N., Sharon – Mercy Air
Graydon, R.N., Cheryl – Palomar
Kelly, R.N., Donna – UCSD ROC
Lee, James – American Medical Response
Majerczak, R.N., Karen – Tri-City
Marugg, Jim – S.D. Co. Paramedics' Association
Meadows-Pitt, R.N., Mary – Sharp Grossmont
Ochs, R.N., Ginger – San Diego Fire Rescue
Ramanujam, M.D., Prasanthi – UCSD EMS
Robson, M.D., Kristie – Naval Med. Ctr. San Diego
Rosenberg, R.N., Linda – Sharp Memorial
Sallee, M.D., Don – Naval Med. Ctr. San Diego
Smith, R.N., Susan – San Diego Fire Rescue
Sobehart, M.D., Robert – Naval Med. Ctr. San Diego
Steen, R.N., Pam – Mercy Air
Workman, R.N., Debi – Palomar College

I. INTRODUCTIONS/ANNOUNCEMENTS

Jim Dunford, M.D., Chair, brought the meeting to order at 11:00 a.m. Attendees introduced themselves.

II. APPROVAL OF MINUTES

On page two of the previous minutes, the physician's name from Kaiser is Ray Poliakoff rather than Kolpacoff.

With the above-mentioned correction, MOTION made by Michele Grad, M.D., Seconded by Lisa Morikado, M.D., to approve the Minutes of October 17, 2006. MOTION carried.

III. MEDICAL DIRECTOR'S REPORT (Bruce Haynes, M.D.)

Alvarado Hospital: Alvarado Hospital has been sold to two physician brothers from Los Angeles. They have not operated a hospital before, however, they do operate a health care business that does offer a variety of services.

Paradise Valley Hospital: Paradise Valley Hospital has been sold to a physician from San Bernardino who plans on operating the hospital with the emergency department.

Flu Season: A few early cases have been reported. The serotypes are in line with this year's vaccine. The Health Services Capacity Plan was reviewed and several updates will be made for this year.

Protocol Revision Task Forces: Both the adult and pediatric Protocol Revision Task Force committees have met and the suggested changes are incorporated into the protocols.

Emergency Medical Operations Committee (EMOC): For the January, 2007 EMOC meeting, a discussion is planned regarding psychiatric emergency patients and related hospitalizations.

STEMI Update: Memorandum of Agreements have been sent out to all twelve civilian STEMI Receiving Centers. The system will commence when most of those are returned. A summary letter will soon be sent out addressing the operational issues. Naval Medical Center San Diego will also be in the system.

IV. CARDIOLOGY ADVISORY COMMITTEE (CAC) UPDATE (B. Haynes, M.D.)

Two of the task force committees involved in planning stroke care met recently. A recent survey was sent out to the hospitals asking about their stroke certification with the Joint Commission on Accreditation of Healthcare Organizations (JCAHO) and if they were planning on obtaining the certification. Follow-up will be done with those nine hospitals to find out their status. Four hospitals were not planning to apply for certification. The CAC will meet again in January, 2007. Paul Phillips, M.D., Scripps Mercy, is going to be the first year Chair.

V. BASE HOSPITAL NURSE COORDINATOR'S RPT. (Melody Dotson, R.N.)

Darlene Bourdon, R.N., has been officially appointed as Base Hospital Nurse Coordinator for Scripps Mercy. Linda Rosenberg, R.N., will be the new BHNC Coordinator and Susan Rainey, R.N., Tri-City, will be moving out-of-state in the near future. Karen Majerczak, R.N., will be the Interim BHNC at Tri-City until a permanent hire is announced.

The BHNC's are working on a Lasix article from the Lasix data study and hope to publish that within the next year. Data from all the acute pediatric calls is also being reviewed as well as I.O.'s, I.V.'s, and medication errors during CPR. Review of these topics will be presented in 2007.

Dr. Dunford thanked the BHNC's for their excellent newsletter.

VI. ROC UPDATE (Dan Davis, M.D.)

The Hypertonic Saline Study has begun at three Canadian sites and in Seattle. The Canadians weren't required to participate in the community consultation piece. In a meeting with one of the Canadian sites, the FDA expressed concern over an issue relating to collecting serum sodium levels, and ROC voluntarily suspended the trial. A policy to monitor for hyponatremia was developed in San Diego and the FDA signed off on it. As soon as the new policy goes back through the hospital IRB's (Institutional Review Boards), the hypertonic saline study will begin. A final piece that needs to fall into place is the data use agreements between UCSD and each hospital which are currently being negotiated.

The Cardiac Arrest Study protocol has been approved in concept, but is currently awaiting IRB approval at each of the hospitals. The community consultation process will then commence in early 2007. Lana Brown, R.N., has been briefing agencies about setting up training for this study.

VII. MAINE EMS SPINAL ASSESSMENT (Bruce Haynes, M.D.)

At the last PAC meeting, a case came up about clearing the C-spine in the field and Dr. Haynes referred to the Maine protocol from 2002. The case involved a disagreement between a paramedic and a MICN over what constituted tenderness or pain and whether to initiate spinal stabilization. It should be emphasized that the mechanism of injury e.g. diving, motor vehicle accident, fall from standing height, blunt trauma, etc. does not necessitate a cervical collar and back board. Rather, the mechanism should serve only to alert medical providers to the need for spine injury assessment. These guidelines from Maine exist in San Diego County's guidelines. It was suggested to share this information with the Medical Audit Committee (MAC).

VIII. REVIEW OF PEDIATRIC INTUBATIONS (Jim Harley, M.D.)

A poll was taken over twenty-two months, from January, 2005 to October, 2006 for INE's (Intubation/Endotracheal) and INO's (Intubation/Other) skill in the intervention section of the Personal Patient Record (PPR). The majority of patients were adults 19-years and older; a total of 3,102 patients. Eighty-six patients were ages 0-14 and eighty-one of

those had a valid INE/INO skill reported. Forty-two percent were less than one year old, and sixty-four percent (52 patients) had a chief complaint of CPR medical and bystander.

In the Patient Diagnosis and Disposition category, 27 of the 81 were classified as CPR-expired. Of the 81 cases, eleven were Prehospital Audit Committee reports. Seventy-five cases were performed by ground paramedics and six by Mercy Air.

IX. REVIEW OF I.O.'S (Prasanthi Ramanujam, M.D.)

A previous meeting question was “does I.O. really improve outcomes?” Dr. Ramanujam conducted a literature search and could not find any study that reported using I.O.’s had improved outcomes.

**X. SAN DIEGO HEALTHCARE DISASTER COUNCIL
(Linda Rosenberg, R.N.)**

The County participated in the State-wide Disaster Drill on November 15, 2006. A follow-up “hot wash” critique is scheduled for November 29, 2006. **ACTION: Ms. Rosenberg will present the hot wash results at the January 16, 2007 BSPPC meeting.**

**XI. HEALTH ADVISORY COMMITTEE ON THREATS (HACOT)
(Jim Dunford, M.D.)**

No report.

XII. ELECTION OF 2007 CHAIR

ACTION: Judd Glasser, M.D., Tri-City accepted the position of BSPPC Chair for 2007.

XIII. SET NEXT MEETING/ADJOURNMENT

The next meeting was scheduled for Tuesday, January 16, 2007, 11:00 a.m. at Sharp Spectrum Auditorium, 8695 Spectrum Center Court, Kearny Mesa, San Diego.

The meeting adjourned at 12:45 p.m.

Respectfully submitted,

Merle Rupp, Board Secretary
County EMS