



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Public Health
Department No.: 041
For Agenda Of: August 03, 2010
Placement: Admin
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors
FROM: Department Takashi Wada, MD, MPH Director/Health Officer
Director Public Health Department
Contact Info: Nancy Lapolla, MPH (681-5264)
Emergency Medical Services Agency Director
SUBJECT: STEMI Receiving Center Designation Agreements with Santa Barbara Cottage Hospital and Marian Medical Center

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- a) Approve and authorize the chair to execute the Professional Services Agreement between Santa Barbara County and Santa Barbara Cottage Hospital for designation as a Santa Barbara County STEMI Receiving Center.
- b) Approve and authorize the chair to execute the Professional Services Agreement between Santa Barbara County and Marian Medical Center for designation as a Santa Barbara County STEMI Receiving Center.

Summary Text:

On March 2, 2010 the Santa Barbara County Board of Supervisors was presented with the Emergency Medical Services (EMS) Agency's Comprehensive Cardiac Care Program. Since that date the EMS Agency, under the leadership of the EMS Agency Medical Director, has established a Comprehensive Cardiac Technical Advisory Group comprised of a cardiologist, emergency physicians, prehospital providers, emergency department medical directors and nurse managers to develop County ST Elevated Myocardial Infarction (STEMI) system standards. This group has authored and approved several policies and protocols to support the Comprehensive Cardiac Care Program.

A core component of Santa Barbara County's Comprehensive Cardiac Care Program is the designation of specific hospitals as STEMI Receiving Centers (SRCs). Santa Barbara Cottage Hospital and Marian

Medical Center have both submitted applications and participated in site reviews by the EMS Agency to verify that they meet the necessary requirements to qualify as a STEMI Receiving Center according to EMS Agency Policy 640. Santa Barbara Cottage Hospital (SBCH) and Marian Medical Center (MMC) have both worked diligently over the last several months to put in place internal policies and procedures that support the STEMI Program. Under the authority granted by Title 22, California Code of Regulations, and as outlined in the EMS System Guidelines issued by the State EMS Authority, the EMS Agency Medical Director has approved these two qualified hospitals in Santa Barbara County as STEMI Receiving Centers.

The hospitals (MMC and SBCH) have agreed to provide funding to the EMS Agency to provide for the administration and oversight of the STEMI Program. Each hospital has agreed to provide \$15,000 in support of the initial cost of developing a STEMI system (fiscal year 2010-11) and thereafter \$10,000 each year.

Background:

Acute myocardial infarction (heart attack) remains the leading cause of death for adults in the United States. Coronary Heart Disease was the leading cause of premature and all death in Santa Barbara County in 2007, accounting for 472 of the total 2,787 deaths, according to the “Community Health Status Report 2009” produced by Santa Barbara County Public Health Department.

Coronary Heart Disease generally refers to arteries clogged with cholesterol and fat deposits that restrict the flow of blood and oxygen to the heart. When the flow of blood to the heart is cut off, a heart attack results, causing permanent damage to the heart muscle. The best known method of re-opening clogged coronary arteries is cardiac catheterization, known as Percutaneous Coronary Intervention (PCI), which uses a catheter threaded in to the coronary artery to open the blockage. According to *The Journal of American College of Cardiology*, primary PCI has become the preferred method for reperfusion therapy in hospitals with primary PCI capability.

In Santa Barbara County the EMS Agency has reviewed both regional and national models of STEMI programs and worked with the medical community and our pre-hospital providers to create a Comprehensive Cardiac Care system. Studies have shown that morbidity and mortality due to a STEMI can be reduced significantly if patients activate the EMS system early, thereby shortening the time to treatment. With the creation of new EMS policies and protocols and the implementation of advanced technology equipment, paramedics are now able to transport patients directly to hospitals, known as STEMI Receiving Centers that have primary treatment and intervention capabilities, as well as having specialized equipment and physicians to support rapid treatment of STEMI patients

Santa Barbara County will have 75-100 individuals annually who will experience this type of event. The goal of developing a comprehensive cardiac care system and STEMI program is to minimize arterial occlusion time by creating the most efficient process for patients to go from presentation of a STEMI to the catheterization laboratory for PCI treatment.

Performance Measure:

STEMI patients will be rapidly triaged to the appropriate STEMI Receiving Center facility and receive PCI within the national time standard of 90 minutes or less, 98% of the time; monitored on a quarterly basis through the system’s performance improvement program.

Fiscal and Facilities Impacts:

Budgeted: No

Fiscal Analysis:

There is no general fund impact with the execution of these agreements. Under this agreement the hospitals agree to pay for services provided; \$15,000 for the initial services by the County for establishing the STEMI program and \$10,000 annually thereafter, for maintaining the STEMI program. The percentage increase to adjust for inflation under this provision shall not exceed 5%. Once your Board approves this agreement, the PHD will return to the Board with the necessary budget revision request. For FY 2010-11, \$30,000 will be included as part of the adjusted fiscal year budget. The allotment will be included in the Emergency Medical Services Cost Center of the Community Health division of the Public Health Department shown on Page D-220 of the County's FY 2010-11 Operating Plan document.

Staffing Impacts:

This action will not result in any additional need for staff or facilities.

Special Instructions:

Please return two (2) executed original Agreements for SB Cottage Hospital. Please return two (2) executed original Agreements for Marian Medical Center. Please send an electronic copy of the Minute Order to the PHD Contracts Unit at PHDCU@sbcpd.org

Attachments:

1. Agreement for Services between Santa Barbara County and Santa Barbara Cottage Hospital for STEMI Receiving Center Designation.
2. Agreement for Services between Santa Barbara County and Marian Medical Center for STEMI Receiving Center Designation.

Authored by:

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