

Council Meeting of
November 23, 2010

Honorable Mayor and Members
of the Torrance City Council
City Hall
Torrance, California

Members of the Council:

SUBJECT: Fire – Accept and appropriate a donation from Providence Little Company of Mary Medical Center for 12-lead data transmission. Expenditure: \$10,384.50.

RECOMMENDATION

Recommendation of the Fire Chief that the City Council accept and appropriate a donation in the amount of \$10,384.50 from Providence Little Company of Mary Medical Center of Torrance to upgrade the Fire Department Zoll monitor/ defibrillators and cell phones assigned to the rescue units with ability to transmit heart related data from the patient directly to the hospital's physicians and cardiologists.

Funding

Funding is available from the donation from Providence Little Company of Mary Medical Center in Torrance.

BACKGROUND/ ANALYSIS

Providence Little Company of Mary Medical Center in Torrance would like to assist the Torrance Fire Department in improving patient care in the City of Torrance by donating the funds necessary to upgrade six Zoll monitor/ defibrillators on the rescue units with the ability to transmit the patient's heart rhythm that is obtained by the paramedics directly to the hospital. With this donation, all five front line rescues and three reserve rescue units will have the capability to transmit this heart data. Two of our existing Zoll monitor / defibrillators are newer and do not need this upgrade. The donation will also pay for the upgrade of the five cell phones assigned to the frontline rescue units with the data and tethering plans that are required to transmit the 12-lead ECG.

The 12-lead data transmission allows a cardiologist at the hospital to interpret and diagnose the heart problem and set up treatment modalities before the patient arrives at the hospital. Computer misinterpretations of the heart rhythm are eliminated with this ability and time to treatment is greatly decreased. Even a decrease of a single minute to the treatment of a heart attack means more heart muscle saved and a greater chance of the patient having a full and complete recovery. It has been proven that a correct interpretation of a heart attack by the paramedics in the field can decrease the time to treatment at the hospital by over 20 minutes.

This donation from Providence Little Company of Mary Medical Center will not only improve patient care to those that are brought to their facility, but will also assist Torrance Memorial Medical

Center and Harbor/UCLA Medical Center as they are also set up to receive this transmission of heart data. The one-time cost for the monitors upgrade, as well as the recurring cost for the Zoll-hosted server subscription and the upgrade of the cell phone plans for two years, will be funded by Little Company of Mary Medical Center in Torrance.

Respectfully submitted,

WILLIAM RACOWSCHI
Fire Chief



By Neli Mileva
Sr. Administrative Analyst

CONCUR:



William Racowski
Fire Chief



LeRoy J. Jackson
City Manager