

Merry Holliday-Hanson, Ph.D.  
Manager, Administrative Data Program  
Office of Statewide Health Planning and Development  
400 R Street, Room 250  
Sacramento, CA 95811

December 4, 2014

Dear Dr. Holliday-Hanson,

This letter is in response to the 2012 Hospital Inpatient Mortality Indicators issued by the Office of Statewide Health Planning and Development. Upon review, Tri-City Medical Center would like to submit our comments regarding three specific areas: Acute Myocardial Infarction, Acute Hemorrhagic and Ischemic Stroke.

### **Acute Myocardial Infarction Mortality**

In response to the 2012, OSHPD Acute Myocardial Infarction mortality data (10.8%) 32/328 - All cases were reviewed and the following findings were noted:

- Tri City Medical Center is a STEMI Receiving Center and receives a high percentage of advanced age myocardial infarction patients.
- The average patient age of our MI deaths was 82 years of age.
  - Of the 32 deaths, 65.6% were patients greater than 80 years of age (n=21),
  - 50% were greater than 85 years of age (n=16), and
  - 21.9% were greater than 90 years of age (n=7).
- Many of the advanced age patients present long after symptom onset, with multiple co morbidities and are not PCI candidates.
- 43.8% of our total AMI deaths occurred within the initial 24 hours following admission
- 53.1% of the AMI deaths had DNR/comfort care/hospice orders.
- 15.6% of the AMI deaths arrived with documented pre-hospital cardiac arrest and received CPR.

### **Total Stroke Mortality**

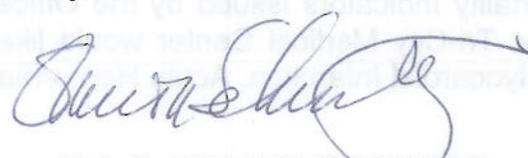
In response to the 2012, OSHPD Total Stroke Mortality data (14.3%) 45/395: Acute Hemorrhagic (26.6%) 14/70; and Ischemic Stroke (9.3%) 24/309 - All cases were reviewed and the following findings were noted:

- 49% of all cases were patients 80 years of age or greater.
- 90% of all cases were of advanced age presented long after symptom onset, with multiple co morbidities and are not candidates for tPA or intervention.
- 46% of the total stroke patient population suffered hemorrhagic stroke.
- 46% of the cases were admitted in critical condition through the Emergency Department and were comatose, with posturing and/or signs of herniation.

- 59% of the cases presented with a National Institute of Health Stroke Scale (NIHSS) of 20 or greater.

We appreciate the opportunity to provide feedback regarding our scores and programs. Please feel free to contact me should you have any questions or concerns.

Sincerely,



Sharon Schultz MSN RN MPH NE-BC  
Chief Nursing Executive/Senior VP  
Tri-City Medical Center

