



## **EMS TRUST FUND ADVISORY BOARD** **MEETING**

Minutes of April 3, 2006 meeting

A meeting of the Emergency Medical Services Trust Fund Advisory Board was held on April 3, 2006, at the Emergency Operations Center, Daytona Beach, Florida. Matt Zavadsky called the meeting to order at 10:35 a.m.

### **Members present:**

- o Matt Zavadsky, Director, Volusia County Emergency Medical Services (Chair)
- o Chief Stephan Dembinski, - Police Chief's Association
- o Deputy Chief David McCallister - Fire Chief's Association
- o Mike Mellon - EVAC Ambulance
- o Louie Mercer - EMS Training Program, DBCC
- o Dr. Tracy Weiner, MD - Hospital Emergency Dept. Directors

### **Guests present**

- o Dr. Peter Springer, M.D. – Volusia County EMS Medical Director

### **Deltona Grant Change Request:**

Matt stated that Deltona Fire had requested that some of their \$20,000 ALS upgrade grant be used for purchasing other items. Their application listed the cost of the cardiac monitor as \$23,000, but they are able to obtain it at a much lower price and wanted to use the savings to purchase other items necessary for the ALS upgrade. Mr. Mellon stated that the grant was for an "ALS Upgrade", therefore the alternate use would be fine.

*Motion to approve the line item change was approved unanimously*

**Motion: Mellon**

**Second: Wiener**

### **Intraosseous Infusion Device Field Test:**

Matt started the discussion by indicating that much research has been published in the past year regarding the efficacy of **adult** Intraosseous infusion therapy in cases where peripheral IV access cannot be readily obtained.

The County EMS Medical Director is considering adding this procedure to the Volusia County EMS System protocols, especially in light of the recent recommendation from the American Heart Association eliminating the administration of medications via endotracheal tube. This would remove the ETT as a route for medication administration, so the addition of I/O access in hemodynamically compromised patients is clinically efficacious.

On February 27, 2006; 10 paramedics from first response agencies and EVAC evaluated the two main types of adult I/O placement devices. One was the Bone Injection Gun (B.I.G.) developed by WaisMed (<http://www.waismed.com/>) and the other is the EZ-IO developed by Vidacare (<http://www.vidacare.com/>).

During the evaluation, each of the two devices were evaluated on training bones as well as using EVAC's cadaver lab. During the training, it was suggested that a limited number of each device be purchased for the purposes of an actual field trial with feedback provided to the Medical Director by the paramedics comparing the two devices.

In order to effect this evaluation, the EMS Division is seeking permission to expend monies from the EMS Trust Fund to purchase **10 units of each device for evaluation**. One of each actual device would be assigned to each of the medics involved in the initial training by the manufacturer representatives on February 27th. Agencies involved in the field test would be Daytona Beach Fire, Deltona Fire, EVAC Ambulance, New Smyrna Fire and Port Orange Fire.

The cost for the field test would be as follows:

B.I.G.:

10 adult needle sets @ \$60

10 pedi needle sets @ \$60

Sub-Total = \$1,200

EZ-IO:

10 Drills @ \$250

10 adult needles @ \$99

10 pedi needles @\$99

Sub-Total = \$4,580

**Grand Total = \$5,780**

Once the field test is complete (anticipated 90 - 120 days), the feedback along with the fiscal impact summary will be discussed with all system agencies for a final determination.

Dr. Weiner expressed concern regarding the ability for existing paramedics to remain proficient at this skill, since in his experience, there are already some skills proficiency problems in the system. Dr. Springer stated that he would be involved in the training and credentialing of paramedics to use this skill, as well as assure that the area emergency departments are also inserviced.

Mike Mellon and Dave McCallister expressed concern about the cost of some of the devices in the event the EZ-IO is chosen. The infrastructure start-up cost could be as high as \$75,000. Dr. Springer and Matt explained that there is a significant cost difference between the two devices and that will be taken into account with the feedback from the evaluators. Once a device is chosen, the additional information will be brought back to the EMSTFAB for further possible funding discussions/options.

*Motion to approve the expenditure of \$6,000 for the purchase of the two device types for the field test passed unanimously.*

**Motion: McCallister**

**Second: Dembinski**

**AED Placement Requests:**

Matt Zavadsky gave an update on the available AEDs, from Volusia County EMS trust fund and from the American Heart Association's grant received from the United Way. He also presented the list of agencies and locations that have requested AEDs. An open discussion ensued and the EMSTFAB members felt that the next major priority for AED placements should be law enforcement vehicles.

*Motion to approve the AED placement priority of LEO vehicles passed unanimously.*

**Motion: Mellon**

**Second: Weiner**

**Adjournment:**

Being of no further business, the EMS Trust Fund Advisory Board Meeting was adjourned at 11:30 a.m.