

# Montgomery County Fire and Rescue Service

## **FIRE CHIEF'S GENERAL ORDER**

**NUMBER: 10-05**

August 12, 2010

**TO:** All MCFRS ALS Personnel

**FROM:** Fire Chief Richard R. Bowers



**SUBJECT:** MCFRS Participation in Optional MIEMSS 2010 Protocol:  
*Neuroprotective-Induced Hypothermia after Cardiac Arrest*

The 2010 MIEMSS Medical Protocol includes the optional *Neuroprotective-Induced Hypothermia after Cardiac Arrest* protocol, and MCFRS has elected to participate in this protocol. We are therefore requiring all ALS providers to ensure they are knowledgeable in its indications, inclusion and exclusion criteria, and procedure so they can readily apply the protocol when indicated. As you know, training on this optional protocol was included in the 2010 MIEMSS Protocol Update for ALS Providers, and was mandated by FCGO 10-04, issued on June 1, 2010.

MCFRS will deliver this treatment by applying ice packs. The EMS Section will provide the initial outlay of *extra* ice packs to each AFRA and ALS transport unit. As this stock is depleted, it will be restored through the usual EMS re-supply procedures.

The ePCRs will generate a mandatory form on all cardiac arrests. This form will include questions regarding the use of the protocol, and will assist the EMS Operational program in identifying incidents where the protocol was applied. MCFRS is also required to perform a Quality Assurance review of these cases.

All Montgomery County hospitals currently use, and will continue using this cooling process on patients who have suffered cardiac arrests and have experienced a return of spontaneous circulation. Per Maryland Protocols, "Medical consult is required with the receiving hospital to confirm their ability to maintain hypothermic intervention and to approve initiation of neuroprotective-induced hypothermic procedure."

The use of the protocol will begin immediately upon issuance of this FCGO.