

Hypothermia Module Elements

Demographics

- Site ID/ National identifier
- Age
- Gender
- Race
- Medical History
- Type of patient
 - Transferred case from (free text)
 - IHCA (Y/N)
 - OHCA (Y/N)
 - PAROS case (Y/N)

Hypothermia Module Elements

Event Information

- Location
 - OHCA (PAROS/CARES location type categories)
 - IHCA (ED/ICU/Ward/Others)
- Date and time of arrest
- Arrest witnessed
- Arrest after arrival of ambulance crew/first responder
 - Include N/A option for IHCA case
- Who initiated CPR (use AHA as guide)
 - Bystander
 - EMS
 - Hospital staff
- First arrest rhythm of patient
- Any defibrillation? Y/N
- Date of ROSC
- Time of sustained ROSC
- Arrest etiology (cardiac/non-cardiac)
- Coronary Angiogram performed
- Was PCI done – stent placed? Y/N
- Was an ICD place and/or scheduled? Y/N
- Was CABG done? Y/N
- Was ECMO initiated? Y/N

Hypothermia Module Elements

Hypothermia Information

- Awake in ED? (Y/N)
- Therapeutic hypothermia induced? (Y/N)
- Where was hypothermia care initiated?
 - EMS
 - ED
 - ICU
- Date and time therapeutic hypothermia initiated
- Cooling method (External vs internal)
 - Surface
 - Intravascular
 - Intranasal
 - ECMO
 - Others
- Target temperature reached? (Y/N)
- Date and Time target temperature reached
- Target temperature (free text)
- Did overshoot occur? (Y/N) – during cooling phase
- Date and time rewarming initiated
- Date and time rewarming complete
- Rebound hyperthermia – to set threshold at 37.5 deg C

Hypothermia Module Elements

Hospital/Discharge Information

- Hospital Outcome
 - Died in ED
 - Survived to admission
 - Survived to discharge
 - Made DNR
- Neurological Outcome at Discharge from Hospital (CPC and OPC)
- Date of discharge
- Discharge from Hospital (location discharged to)
- Date and time of death

Hypothermia Module Elements

Additional Elements

- Any neurological monitoring
- Any seizure during hypothermia
- Any Cardiac arrhythmia
- Any Skin Complications
- Stress ulcer / GI Bleed (requiring transfusion ?)
- Hypotension (requiring pressors ?)
- Hyperkalemia – upon rewarming
- Hyperglycemia (requiring insulin?)
- Pneumonia / sepsis
- Cause of death (cardiac/non-cardiac)
- Death related to index visit

Next Steps

- Software development for data entry and data dictionary
- January 2014 – begin pilot phase with select PAROS and CARES sites by training webinar.
- February/March – obtain feedback and adjust data entry and dictionary.
- May – PAROS – Sydney Meeting Present Finalized Hypothermia Module