

# CARES Targeted Temperature Management IHCA Data Collection Form

## Part A: Targeted Temperature Management (TTM): Demographics

**Case number**

**Transferred from another hospital?**

- ☐ Yes: Specify  
☐ No

**Age**

- ☐ Days  
☐ Months  
☐ Years

**Gender**

- ☐ Male  
☐ Female

**Race**

- ☐ American-Indian/Alaskan  
☐ Asian  
☐ Black/African-American  
☐ Hispanic/Latino  
☐ Native Hawaiian/Pacific Islander  
☐ White  
☐ Unknown

**Medical history**

- ☐ No  
☐ Hypertension  
☐ Unknown  
☐ Renal Disease  
☐ Cancer Respiratory  
☐ Disease  
☐ Diabetes  
☐ Stroke  
☐ Heart Disease  
☐ Other  
☐ Hyperlipidemia

## Part B: Targeted Temperature Management (TTM): Event Information

**Location Type:**

- ☐ ED  
☐ ICU  
☐ Ward  
☐ Other: Specify

**Date and Time of Arrest:**

 : 

**Arrest Witnessed:**

- ☐ Witnessed Arrest  
☐ Unwitnessed Arrest

**Who initiated CPR:**

- ☐ Bystander  
☐ Hospital Staff

**First Arrest Rhythm:**

- ☐ Ventricular Fibrillation  
☐ Ventricular Tachycardia  
☐ Asystole  
☐ Idioventricular/PEA  
☐ Unknown Shockable Rhythm  
☐ Unknown Unshockable Rhythm

**Any Defibrillation?**

- ☐ Yes  
☐ No

**Date of ROSC:**

**Time of sustained ROSC:**

 : 

**Arrest Etiology:**

- ☐ Cardiac  
☐ Non-Cardiac

## Part C: Targeted Temperature Management (TTM) Information

**Is patient awake and able to follow commands?**

- ☐ Yes  
☐ No

**Targeted Temperature Management (TTM) induced?**

- ☐ Yes  
☐ No

**Where was Targeted Temperature Management (TTM) initiated in hospital?**

- ☐ ED  
☐ Cath Lab  
☐ ICU

**Cooling method (Internal vs. External):**

- ☐ Surface  
☐ Intravascular  
☐ Intranasal  
☐ ECMO  
☐ Others: Specify

**Target Temperature:**

- ☐ 32°C  
☐ 33°C  
☐ 34°C  
☐ 35°C  
☐ 36°C  
☐ Others: Specify

**Target temperature reached?**

- ☐ Yes  
☐ No

**Did overshoot occur during cooling phase?**

- ☐ Yes  
☐ No

**Did rebound hyperthermia occur (temp  $\geq$  37.5°C)?**

- ☐ Yes  
☐ No

**Date and time Targeted Temperature Management (TTM) initiated in hospital:**

 : 

**Date and time target temperature reached:**

 : 

**Date and time rewarming initiated :**

 : 

**Date and time rewarming complete:**

 : 

## Part D: Targeted Temperature Management (TTM): Hospital/Discharge Information

**Hospital Outcome:**

- ☐ Died in ED  
☐ Died in hospital  
☐ Transferred after admission  
☐ Survived to Discharge

**Date and time of death (if applicable):**

 : 

**Date and Time of Discharge (if applicable):**

 : 

**Discharge from Hospital:**

- ☐ Home/Residence  
☐ Rehabilitation Facility  
☐ Skilled Nursing Facility/Hospice

**Neurological Outcome at Discharge:**

- ☐ Good Cerebral Performance (CPC 1)  
☐ Moderate Cerebral Disability (CPC 2)  
☐ Severe Cerebral Disability (CPC 3)  
☐ Coma, Vegetative State (CPC 4)

**Coronary Angiogram performed?**

- ☐ Yes  
☐ No  
☐ Unknown

**Was a cardiac stent placed?**

- ☐ Yes  
☐ No  
☐ Unknown

**Was an ICD placed and/or scheduled?**

- ☐ Yes  
☐ No  
☐ Unknown

**Was CABG performed?**

- ☐ Yes  
☐ No  
☐ Unknown

**Part E: Additional Elements/Complications****Any EEG monitoring?**

- ☐ Yes  
☐ No  
☐ Unknown

**Any seizure during TTM?**

- ☐ Yes  
☐ No  
☐ Unknown

**Any Cardiac arrhythmia?**

- ☐ Yes  
☐ No  
☐ Unknown

**Any skin complications?**

- ☐ Yes  
☐ No  
☐ Unknown

**Stress Ulcer/GI Bleed**

- ☐ Yes  
☐ No  
☐ Unknown

**Requires vasopressor for BP support?**

- ☐ Yes  
☐ No  
☐ Unknown

**Hyperkalemia - upon rewarming**

- ☐ Yes  
☐ No  
☐ Unknown

**Hyperglycemia**

- ☐ Yes  
☐ No  
☐ Unknown

**Pneumonia/Sepsis**

- ☐ Yes  
☐ No  
☐ Unknown

**Any paralytics used?**

- ☐ Yes  
☐ No  
☐ Unknown

**GCS at Time of Initiation of Targeted Temperature Management (TTM)****Eye Response:**

- ☐ No eye opening (+1)  
☐ Eye opening in response to pain stimulus (+2)  
☐ Eye opening to verbal command (+3)  
☐ Eyes opening spontaneously (+4)

**Verbal Response:**

- ☐ No verbal response (+1)  
☐ Incomprehensible sounds (+2)  
☐ Inappropriate words (+3)  
☐ Confused (+4)  
☐ Oriented (+5)

**Motor Response:**

- ☐ No motor response (+1)  
☐ Extension to pain (+2)  
☐ Flexion to pain (+3)  
☐ Withdrawal from pain (+4)  
☐ Localizes pain (+5)

**GCS at TTM (3-15):****GCS at Time of Hospital Discharge****Eye Response:**

- ☐ No eye opening (+1)  
☐ Eye opening in response to pain stimulus (+2)  
☐ Eye opening to verbal command (+3)  
☐ Eyes opening spontaneously (+4)

**Verbal Response:**

- ☐ No verbal response (+1)  
☐ Incomprehensible sounds (+2)  
☐ Inappropriate words (+3)  
☐ Confused (+4)  
☐ Oriented (+5)

**Motor Response:**

- ☐ No motor response (+1)  
☐ Extension to pain (+2)  
☐ Flexion to pain (+3)  
☐ Withdrawal from pain (+4)  
☐ Localizes pain (+5)

**GCS at discharge (3-15):**