

Targeted Temperature Management (TTM) Module Guide

Please contact your CARES representative to request that the TTM module be activated for your hospital. To enter data, log in to the CARES website with your unique username and password. The Targeted Temperature Management (TTM) Module has two potential silos of data, out-of-hospital cardiac arrests (patients transported to a hospital by CARES agencies) and in-hospital cardiac arrests.

Entering OHCA Data

The **Out-of-Hospital Cardiac Arrest (OHCA) TTM Module** form is accessed by clicking on the pen/paper icon of dashboard patients. The additional elements are located below the Hospital Comments box.

Part E: Hospital Section - Please complete the following questions

| | | | |
|--|--|---|--|
| 46 - ER Outcome <input type="radio"/> Resuscitation terminated in ED <input type="radio"/> Admitted to hospital <input type="radio"/> Transferred to another acute care facility from the ED | 47 - Was hypothermia care initiated or continued in the hospital <input type="radio"/> Yes <input type="radio"/> No | 48 - Hospital Outcome <input type="radio"/> Died in the hospital <input type="radio"/> Discharged alive <input type="radio"/> Patient made DNR If yes, choose one of the following: <input style="width: 100%;" type="text"/> <input type="radio"/> Transferred to another acute care hospital <input type="radio"/> Not yet determined | 49 - Discharge From The Hospital <input type="radio"/> Home/Residence <input type="radio"/> Rehabilitation facility <input type="radio"/> Skilled Nursing Facility/Hospice |
| 50 - Neurological Outcome At Discharge From Hospital <input type="radio"/> Good Cerebral Performance (CPC 1) <input type="radio"/> Moderate Cerebral Disability (CPC 2) <input type="radio"/> Severe Cerebral Disability (CPC 3) <input type="radio"/> Coma, Vegetative State (CPC 4) | | | |

Hospital procedures

| | |
|--|---|
| 51 - Was the final diagnosis acute myocardial infarction: | <input type="radio"/> Yes <input type="radio"/> No |
| 52 - Coronary Angiography Performed: | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown If yes, provide date and time: <input type="text"/> - hh : mm |
| 53 - Was a cardiac stent placed: | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown |
| 54 - CABG performed: | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown |
| 55 - Was an ICD placed and/or scheduled: | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown |

Hospital Comments

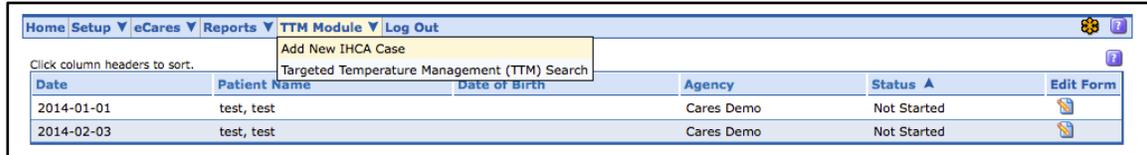
Targeted Temperature Management (TTM) information

| | | |
|---|--|--|
| Case number <input type="text"/> | Is patient awake and able to follow commands? <input type="radio"/> Yes <input type="radio"/> No | Targeted Temperature Management (TTM) induced? <input type="radio"/> Yes <input type="radio"/> No |
| Was Targeted Temperature Management (TTM) initiated in field? <input type="radio"/> Yes <input type="radio"/> No | Where was Targeted Temperature Management (TTM) initiated in hospital? <input type="radio"/> ED <input type="radio"/> Cath Lab <input type="radio"/> ICU | |
| Cooling method (Internal vs. External): <input type="checkbox"/> Surface <input type="checkbox"/> Intravascular <input type="checkbox"/> Intranasal <input type="checkbox"/> ECMO <input type="checkbox"/> Others: Specify <input type="text"/> | Target Temperature: <input type="radio"/> 32°C <input type="radio"/> 33°C <input type="radio"/> 34°C <input type="radio"/> 35°C <input type="radio"/> 36°C | |

Please refer to the CARES TTM OHCA Data Dictionary for data definitions and coding examples. The form includes logic, which will grey out questions that are not applicable. After you've completed the form, click the Save button at the end of the Module section.

Entering IHCA Data

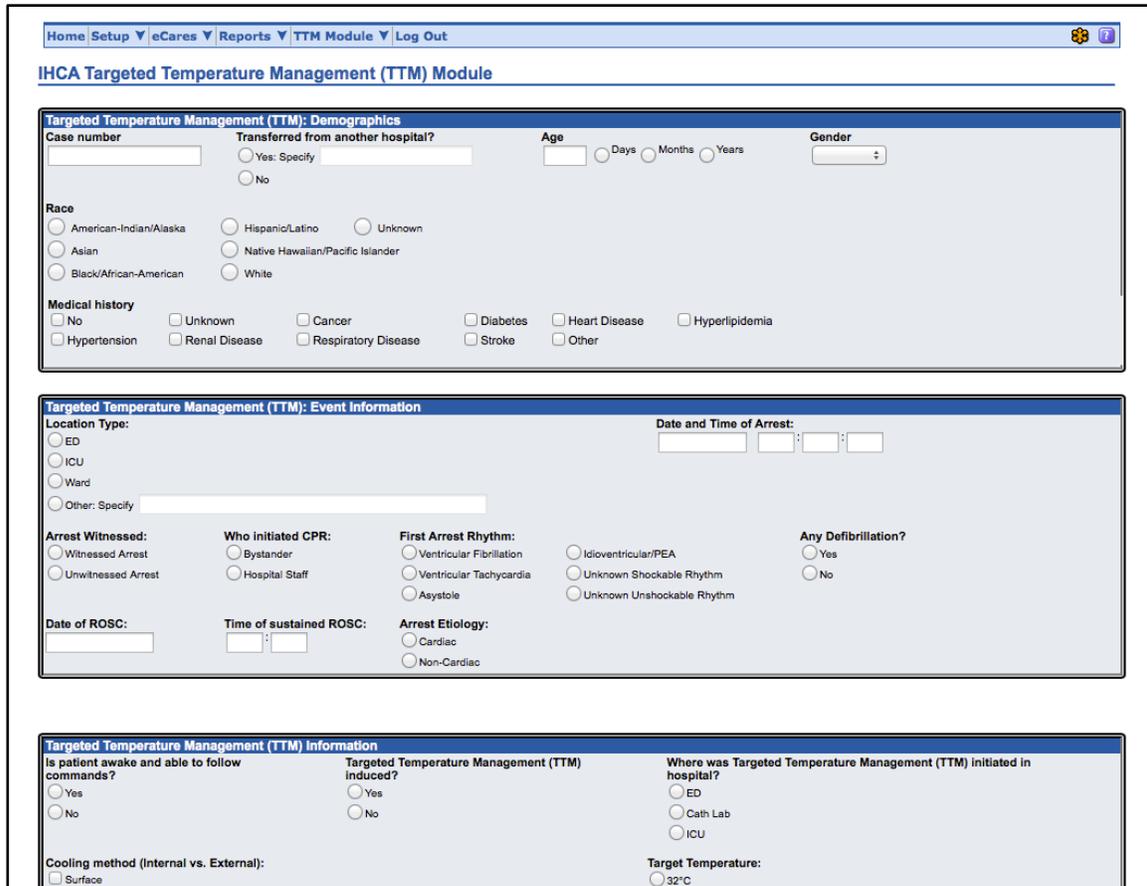
The **In-Hospital Cardiac Arrest (IHCA) TTM Module** form is accessed by clicking on the “Add New IHCA Case” link under the “TTM Module” tab.



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Click column headers to sort.

| Date | Patient Name | Date of Birth | Agency | Status | Edit Form |
|------------|--------------|---------------|------------|-------------|-----------|
| 2014-01-01 | test, test | | Cares Demo | Not Started | |
| 2014-02-03 | test, test | | Cares Demo | Not Started | |



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IHCA Targeted Temperature Management (TTM) Module

Targeted Temperature Management (TTM): Demographics

Case number:

Transferred from another hospital? Yes: Specify No

Age: Days Months Years

Gender:

Race

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

Medical history

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

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

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

Target Temperature: 32°C

Please refer to the CARES TTM IHCA Data Dictionary for data definitions and coding examples. After you've completed the form, click the Save button at the bottom of the page.

Searching

This module includes a search page, allowing users to locate records based on date of arrest, gender, age, and case number. The search page is found under the TTM Module tab.

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CARES Targeted Temperature Management (TTM) Search

Filter: Default [Add to myReports] [Delete this Filter]

Search

Date of Arrest: All From: Through: Case Number:

Patient's gender: All Patient's Age (in years):

Saved Filter Name: Save Filter

Search

The first column of the search results indicates the type of arrest (OHCA or IHCA), while subsequent columns list case number, EMS Incident # (where applicable), and date of arrest. To re-open a record, click on the pen/paper icon.

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Search Results

Send results to: GO

[Search Again]

Records found: 4
Click column headers to sort.

| OHCA/IHCA | Medical Control # | Incident # | Date of Arrest | Edit Form |
|-----------|-------------------|------------|----------------|-----------|
| OHCA | 32433 | 1307010244 | 07/01/2013 | |
| OHCA | 323424 | 1306050234 | 06/05/2013 | |
| IHCA | 9999999 | | 02/12/2014 | |
| IHCA | 111 | | 02/10/2014 | |

Records found: 4

Exporting Data

TTM data is exportable into Microsoft Excel. Select "Excel export of TTM Data" from the "Send results to" pull-down menu and click Go. Please ensure that your browser's pop-up blocker is off.

Home Setup eCares Reports TTM Module Log Out

Search Results

Send results to: Excel export of TTM Data GO

[Search Again]

Records found: 3
Click column headers to sort.

| OHCA/IHCA | Medical Control # | Incident # | Date of Arrest | Edit Form |
|-----------|-------------------|------------|----------------|-----------|
| OHCA | 3434543543 | 1235704 | 04/02/2014 | |
| OHCA | | 84732 | 02/06/2014 | |
| OHCA | | 53163 | 03/25/2014 | |