



The Intensive Connection

TTM Protocol Submission Guidelines

Mandatory documents for publication

- Contact details
- Disclosure consent and agreement of the Chief of Department to have the protocol shared and published
- Agreement and consent to protocol evaluation and feedback

Suggested Protocol Elements

1. Indication for TTM
2. Inclusion Criteria (List)
3. Exclusion Criteria Check List
4. Neurological assessment before TTM
5. Medical information and Risk stratification (list of data to be collected), if applied
6. Step-by-step preparation instructions to initiate therapy
 - a. Target temperature range
 - b. Length of cooling period
 - c. Rewarm rate
 - d. Definition and length of normothermia period
 - e. Patient preparation
 - f. Cooling device preparation
 - g. Documentation preparation
7. When/Where (pre-hospital, ER, ICU ...) and How to start
 - a. Type of used device (multiple choices)
 - b. Cooling Instructions (picture if available)– Induction and Maintenance Phase
 - c. Induction Phase (device, attitude, monitoring)
 - d. Maintenance Phase (device, attitude, monitoring)
 - e. Device monitoring procedure and adjustments (what, when, how, why)
 - f. Handling alerts and alarms
 - g. Patient transport instructions
 - h. Re-initiating therapy after stoppage
 - i. Feeding criteria
8. Guidelines for sedation and shiver control (if available)
 - a. Drugs
 - b. Scale and algorithm for sedation, if existing
 - c. Scale and algorithm for NMB, if existing
9. Pharmacotherapy attitude during TTM (if available)
10. Rewarm Phase (instructions and preparation)

11. Normothermia Phase
 - a. Length and target temperature
 - b. Means to control and maintain
12. Discontinuing therapy (if available)
 - a. System shut down criteria and instructions
13. Monitoring during TTM
 - a. Neurological assessment
 - b. Haemodynamic
 - c. Ventilatory management
 - d. Metabolic
 - e. Infections
14. Cost evaluation (if available)

***Keywords**

(please select 5)

- newborn
- children
- adult
- cardiac arrest
- brain injury
- traumatic brain injury
- refractory intracranial hypertension
- intracranial hypertension
- sepsis
- perioperative
- 32-34°C
- 34-36°C
- 36-37°C
- ECLS
- Intravascular Device
- Cold Fluids
- Endovascular Device
- Surface Blanket
- Nasal Cooling
- Surface Pads
- Ice Packs
- Head Helmets