

# Therapeutic hypothermia studies

see [European Study of Therapeutic Hypothermia](#).

## Pediatric Studies

A [literature](#) search for relevant articles in English published from year 2000 up to December 2013 found 19 studies. No signs of improvement in outcome from hypothermia were seen in the five pediatric studies. Varied results were reported in 14 studies on adult patients, 2 of which reported a tendency of higher mortality and worse neurological outcome, 4 reported lower mortality, and 9 reported favorable neurological outcome with hypothermia. The quality of several trials was low. The best-performed randomized studies showed no improvement in outcome by hypothermia-some even indicated worse outcome <sup>1)</sup>.

## Animal Studies

<sup>1)</sup>  
Sandestig A, Romner B, Grände PO. Therapeutic Hypothermia in Children and Adults with Severe Traumatic Brain Injury. Ther Hypothermia Temp Manag. 2014 Mar 1;4(1):10-20. Review. PubMed PMID: 24660099.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

[https://neurosurgerywiki.com/wiki/doku.php?id=therapeutic\\_hypothermia\\_studies](https://neurosurgerywiki.com/wiki/doku.php?id=therapeutic_hypothermia_studies)

Last update: **2024/06/07 02:51**

