

Pediatric traumatic brain injury guidelines

see [Guidelines for the Management of Pediatric Severe Traumatic Brain Injury, Third Edition](#)

In a [systematic review](#) and [guideline](#) appraisal for pediatric clinical practice guidelines (CPGs) concerning the acute management of [Pediatric Traumatic Brain Injury](#). Targeted [guideline](#) creation specific to the [pediatric](#) population has the potential to improve the [quality](#) of acute [TBI](#) clinical practice guidelines (CPGs).

Furthermore, it is crucial to address the applicability of a guideline to translate the CPG from a published manuscript into clinically relevant local practice tools and for resource limited practice settings ¹⁾.

Guidelines for Diagnosing and Managing Pediatric Concussion

[Guidelines.](#)

[Thromboprophylaxis in Traumatic brain injury:](#)

[Low-molecular-weight heparin](#) (LMWH) prophylaxis in [pediatric traumatic brain injury](#) appears to be more effective than [unfractionated heparin](#) (UH) in preventing [venous thromboembolism](#) (VTE). Large, [multicenter prospective](#) studies are warranted to confirm the superiority of LMWH over UH in [pediatric patients](#) with [traumatic brain injury](#). Moreover, outcomes of VTE prophylaxis in the very young remain understudied; therefore, dedicated studies to evaluate this population are needed ²⁾.

¹⁾

Appenteng R, Nelp T, Abdelgadir J, Weledji N, Haglund M, Smith E, Obiga O, Sakita FM, Miguel EA, Vissoci CM, Rice H, Vissoci JRN, Staton C. A systematic review and quality analysis of pediatric traumatic brain injury clinical practice guidelines. PLoS One. 2018 Aug 2;13(8):e0201550. doi: 10.1371/journal.pone.0201550. eCollection 2018. PubMed PMID: 30071052; PubMed Central PMCID: PMC6072093.

²⁾

van Erp IA, Gaitanidis A, El Moheb M, Kaafarani HMA, Saillant N, Duhaime AC, Mendoza AE. Low-molecular-weight heparin versus unfractionated heparin in pediatric traumatic brain injury. J Neurosurg Pediatr. 2021 Feb 12;1-6. doi: 10.3171/2020.9.PEDS20615. Epub ahead of print. PMID: 33578391.

From:

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

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=pediatric_traumatic_brain_injury_guidelines

Last update: **2024/06/07 02:55**

