

Hydrocephalus after decompressive craniectomy prevention

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[Decompressive craniectomy](#) with a superior limit <25 mm from the [midline](#) should be avoided ^{1) 2)}.

A study showed a correlation between craniectomy size and the incidence of [Posttraumatic Hydrocephalus](#) ³⁾.

The presence of interhemispheric subdural hygromas and younger age were associated with shunt-dependent hydrocephalus after DC in patients with severe TBI ⁴⁾.

Cranioplasty

[Cranioplasty for hydrocephalus prevention after decompressive craniectomy](#)

¹⁾

De Bonis P, Pompucci A, Mangiola A, Rigante L, Anile C. Post-traumatic hydrocephalus after decompressive craniectomy: an underestimated risk factor. J Neurotrauma. 2010 Nov;27(11):1965-70. doi: 10.1089/neu.2010.1425. PubMed PMID: 20812777.

²⁾

Takeuchi S, Takasato Y, Masaoka H, Hayakawa T, Yatsushige H, Nagatani K, Osada H, Otani N, Wada K, Nawashiro H. Hydrocephalus after decompressive craniectomy for hemispheric cerebral infarction. J Clin Neurosci. 2013 Mar;20(3):377-82. doi: 10.1016/j.jocn.2012.03.035. PubMed PMID: 23266079.

³⁾

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