

Craniectomy complications classification

Gopalakrishnan et al., suggested that [craniectomy complications](#) be classified as those that occur in the first 4 weeks (early) and those that manifest later (late or delayed). Early complications, which occur in the first 4 weeks, are likely to happen while the patients is still at the hospital. Specific complications tend to occur during particular time periods and awareness of that information helps anticipate and treat them efficiently. Kurland et al. classified them as (i) hemorrhagic, (ii) infectious/inflammatory, and (iii) disturbances of the CSF compartment ¹⁾. They tabulated the overall average frequency of each of the complications from a total of 142 eligible reports of thousands of patients who underwent decompressive procedures. They found that one in ten patients who underwent DC develop a complication that required additional medical and/or neurosurgical intervention ²⁾.

¹⁾

Kurland DB, Khaladj-Ghom A, Stokum JA, Carusillo B, Karimy JK, Gerzanich V, Sahuquillo J, Simard JM. Complications Associated with Decompressive Craniectomy: A Systematic Review. *Neurocrit Care*. 2015 Oct;23(2):292-304. doi: 10.1007/s12028-015-0144-7. Review. PubMed PMID: 26032808; PubMed Central PMCID: PMC4704457.

²⁾

Gopalakrishnan MS, Shanbhag NC, Shukla DP, Konar SK, Bhat DI, Devi BI. Complications of Decompressive Craniectomy. *Front Neurol*. 2018 Nov 20;9:977. doi: 10.3389/fneur.2018.00977. eCollection 2018. Review. PubMed PMID: 30524359; PubMed Central PMCID: PMC6256258.

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