

Saudi Association of Neurological Surgery

<https://www.sans.org.sa/>

Little is known regarding the attitude of practicing [neurosurgeons](#) toward [decompressive craniectomy](#) (DC) in [Saudi Arabia](#).

Al-Jehani et al. aimed to explore the perspective on DC among neurosurgeons in Saudi Arabia.

An [electronic survey](#) was distributed via e-mail to members of the [Saudi Association of Neurological Surgery](#) (SANS). Results: A total of 52 neurosurgeons participated in this [survey](#). The majority of these neurosurgeons practice in a governmental (95.2%), [tertiary hospital](#) (75.5%) with academic affiliations (77.6%). Most surgeons (71.4%) agreed that the DC approach for managing refractory ICP is supported by [evidence based medicine](#). The majority of the participants choose to perform DC on a unilateral basis (80%). Interestingly, DC followed by [duraplasty](#) was performed by only 71% of these surgeons, with 29% of the respondents not performing expansive duraplasty.

In Saudi Arabia, the utility of DC in cases of TBI with [refractory intracranial hypertension](#) has not been clearly defined among practicing neurosurgeons. The development of appropriate, widely adopted [traumatic brain injury guidelines](#) should thus be a priority in Saudi Arabia to reduce variability among TBI care practices. In addition, a national TBI registry should be established for documenting different practices and longitudinal outcomes ¹⁾.

[Consensus Statement](#) of the Saudi Association of Neurological Surgery (SANS) on Triage of Neurosurgery Patients During COVID-19 Pandemic in [Saudi Arabia](#) ²⁾

The 9th Annual Meeting of the Saudi Association of Neurological Surgery Dammam, Saudi Arabia, 3-5 March 2015 in <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4710341/>

¹⁾

Al-Jehani H, Al-Sharydah A, Alabbas F, Ajlan A, Issawi WA, Baeesa S. The utility of decompressive craniectomy in severe traumatic brain injury in Saudi Arabia trauma centers. Brain Inj. 2021 May 11:1-5. doi: 10.1080/02699052.2021.1920051. Epub ahead of print. PMID: 33974453.

²⁾

Bajunaid K, Sabbagh AJ, Ajlan A, Al-Jehani H, Alnaami I, Khormi YH, Bin Mahfoodh M, Barnawi A, Bin Salamah A, Alobaid A, Bafaquh MS, Alturki AY, Alkhani A, Al-Habib H, Baeesa S, Al-Habib A. Consensus Statement of the Saudi Association of Neurological Surgery (SANS) on Triage of Neurosurgery Patients During COVID-19 Pandemic in Saudi Arabia. Neurosciences (Riyadh). 2020 Apr;25(2):148-151. doi: 10.17712/nsj.2020.2.20200054. PMID: 32351254.

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