

Vacuum-assisted closure

Compared with the use of the standard [dressing](#), Vacuum-assisted [closure](#) was found to decrease [surgical site infection](#) and return to OR risk in trauma patients undergoing Posterior [Spinal Fusions](#) ¹⁾.

Vacuum-assisted closure therapy applied directly to the [dura](#) or cortical brain is a safe and effective technique for short-term wound temporization in the setting of indeterminate oncologic margins or active infection ²⁾.

¹⁾

Mehkri Y, Hernandez J, Panther E, Gendreau J, Pafford R, Rao D, Fiester P, Rahmathulla G. Incisional Wound Vacuum-Evaluation of Wound Outcomes in Comparison With Standard Dressings for Posterior Spinal Fusions in Traumatic Patients. Oper Neurosurg (Hagerstown). 2023 Feb 1;24(2):138-144. doi: 10.1227/ons.0000000000000477. Epub 2022 Nov 2. PMID: 36637298.

²⁾

Prince N, Blackburn S, Murad G, Mast B, Sapountzis S, Shaw C, Werning J, Singhal D. Vacuum-assisted closure therapy to the brain: a safe method for wound temporization in composite scalp and calvarial defects. Ann Plast Surg. 2015 Jun;74 Suppl 4:S218-21. doi: 10.1097/SAP.0000000000000374. PubMed PMID: 25978553.

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