

Gupta et al., report the experience with cranial fixation plate removal because of pain and protrusion in patients who underwent craniotomy without orbitozygomatic osteotomy, particularly [frontotemporal craniotomy](#). In an attempt to reduce this [complication](#), they recently stopped placing a full-size burr hole in the keyhole area of a frontotemporal craniotomy, eliminating the need for a titanium burr hole cover plate ¹⁾.

¹⁾

Gupta R, Adeeb N, Griessenauer CJ, Moore JM, Patel AS, Thomas AJ, Ogilvy CS. Removal of symptomatic titanium fixation plates after craniotomy. Acta Neurochir (Wien). 2016 Oct;158(10):1845-8. doi: 10.1007/s00701-016-2929-7. Epub 2016 Aug 12. PubMed PMID: 27520360.

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