

# Spinal giant cell tumor

The use of tumor growth rate (TGR) is a reliable predictive tool for clinically relevant outcomes and response to [denosumab](#) therapy of spinal GCTB, which may be helpful in guiding prognostic risk stratification and therapeutic optimization of patients <sup>1)</sup>

<sup>1)</sup>

Zheng BW, Zheng BY, Niu HQ, Yang YF, Zhu GQ, Li J, Zhang TL, Zou MX. Tumor Growth Rate in Spinal Giant Cell Tumors of Bone and Association With the Immune Microenvironment and Denosumab Treatment Responsiveness: A Multicenter Study. *Neurosurgery*. 2022 Nov 21. doi: 10.1227/neu.0000000000002237. Epub ahead of print. PMID: 36409294.

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