

Preoperative mapping of language area

It is done by [functional MRI](#) (fMRI) at 3T.

There are pitfalls in preoperative fMRI as currently used in preoperative [language mapping](#) in glioma patients, made more complicated when high-grade and hyperperfused tumors are evaluated ¹⁾

¹⁾

Kuchcinski G, Mellerio C, Pallud J, Dezamis E, Turc G, Rigaux-Viodé O, Malherbe C, Roca P, Leclerc X, Varlet P, Chrétien F, Devaux B, Meder JF, Oppenheim C. Three-tesla functional MR language mapping: Comparison with direct cortical stimulation in gliomas. Neurology. 2015 Jan 14. pii: 10.1212/WNL.0000000000001226. [Epub ahead of print] PubMed PMID: 25589667.

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