

Intraoperative stimulation **mapping** of **subcortical white matter tracts** during the resection of **gliomas** has become a valuable surgical adjunct that is used to reduce **morbidity** associated with **tumor** removal.

Enables extensive **resection** of **tumors** in **eloquent** locations ^{1) 2)}.

The use of subcortical stimulation allow identification of specific **white matter tracts** associated with reading, writing...

¹⁾

De Witt Hamer PC, Robles SG, Zwinderman AH, et al. Impact of intraoperative stimulation brain mapping on glioma surgery outcome: a meta-analysis. J Clin Oncol 2012;30(20):2559-2565.

²⁾

Sanai N, Berger MS. Intraoperative stimulation techniques for functional pathway preservation and glioma resection. Neurosurg Focus 2010;28(2):E1.

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