

Linear array intraoperative ultrasound (lioUS), can be used as a safe and precise tool for intracranial image guided resection control of **glioblastomas**. It can be integrated in a commercially available navigation system and shows a significant higher detection rate of residual tumor compared to conventional curved or sector array ultrasound (cioUS) ¹⁾.

¹⁾

Coburger J, König RW, Scheuerle A, Engelke J, Hlavac M, Thal DR, Wirtz CR. Navigated high frequency ultrasound: Description of technique and first clinical comparison with conventional intracranial ultrasound. World Neurosurg. 2014 May 27. pii: S1878-8750(14)00532-4. doi: 10.1016/j.wneu.2014.05.025. [Epub ahead of print] Review. PubMed PMID: 24878624.

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