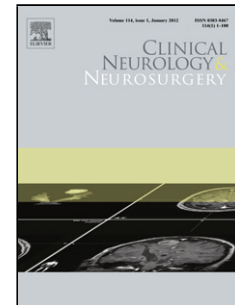


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Contemporary use of intraoperative imaging in glioma surgery: A survey among EANS members

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Highlights

- **Survey among EANS members**
- **Evaluation of the responses of 310 neurosurgeons**
- **Assessment of distribution and benefit of intraoperative imaging in glioma surgery**
- **Assessment of tumor control of iMRI, 5-ALA, ultrasound, iCT and Na-Fluorescein(yellow) separate for GB and LGG**
- **Specific evaluation of usability, orientation for each technique**

Abstract:

Objectives:

In glioma surgery, intraoperative imaging is regarded highly valuable to improve extent of resection. Current distribution of intraoperative imaging techniques is largely unknown. Further, controversy exists which method might be most beneficial.

Patients and methods

We performed a web-based survey among members of the European Association of Neurological Surgeons(EANS) from April to May 2017. Our questionnaire included intraoperative MRI(iMRI), 5-aminolevulinic acid(5-ALA), intraoperative ultrasound(iUS),Na-Fluorescein and intraoperative CT(iCT).

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