

# Neuroanesthesiologist

Anesthesiologists who practice [Neuroanesthesia](#).

[Functional neurosurgery](#) has undergone rapid growth over the last few years fueled by advances in imaging technology and novel treatment modalities. These advances have led to new surgical treatments using minimally invasive and precise techniques for conditions such as Parkinson's disease, [essential tremor](#), [epilepsy](#), and psychiatric disorders. Understanding the goals and technological issues of these procedures is imperative for the anesthesiologist to ensure safe management of patients presenting for functional neurosurgical procedures. In a review, Dunn et al., discuss the advances in neurosurgical techniques for [deep brain stimulation](#), [focused ultrasound](#) and minimally invasive laser-based treatment of refractory epilepsy and provide a guideline for [neuroanesthesiologists](#) caring for patients undergoing these procedures <sup>1)</sup>.

<sup>1)</sup>

Dunn LK, Durieux ME, Elias WJ, Nemergut EC, Naik BI. Innovations in Functional Neurosurgery and Anesthetic Implications. J Neurosurg Anesthesiol. 2016 Dec 23. doi: 10.1097/ANA.0000000000000398. [Epub ahead of print] PubMed PMID: 28027070.

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