

Awake surgery

- Intracranial High-Frequency Oscillations and Epileptogenic Zone: Incorporating Neuroanatomic Variation
- Advancing Neurosurgical Oncology and AI Innovations in Latin American Brain Cancer Care: Insights from a Center of Excellence
- Awake Sciatic Nerve Neurolysis after Injection Injury - An Innovative Technique and Our Experience
- Unconsciousness reshapes the oscillatory topography of the subthalamic nucleus: A comparative study
- Maximizing Tumor Resection and Managing Cognitive Attentional Outcomes: Measures of Impact of Awake Surgery in Glioma Treatment
- A Modified Oxygenation Technique for Awake Craniotomy
- Anatomic-functional approach to multimodal motor mapping in diffuse glioma surgery: hierarchical networks
- Editorial: Current status of neural networks that subserve emotion and cognition - unraveling the complex brain through multidisciplinary contributions in awake brain surgery

see [Awake craniotomy](#).

Awake surgery is broader and can refer to any procedure performed while the patient is awake (even outside the brain).

Awake craniotomy specifically refers to brain surgery performed while the patient is awake, allowing intraoperative cortical and subcortical mapping — crucial for tumors near eloquent areas.

It is the standard term used in:

Scientific literature (e.g., Journal of Neurosurgery, Neurosurgery, Brain)

Surgical textbooks

Clinical protocols in neuro-oncology and epilepsy surgery.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**

Permanent link:

https://neurosurgerywiki.com/wiki/doku.php?id=awake_surgery

Last update: **2025/06/20 20:00**

