

# Correlating EEG Dynamics With Consciousness Alteration Under Anesthesia

NCT07410702

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**Status** RECRUITING  
**Sponsor** Huazhong University of Science and Technology  
**Enrollment** 250 participants

## Key Eligibility Criteria

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### Inclusion (6)

- Age e 18 years.
- Scheduled to undergo elective surgery requiring general anesthesia with endotracheal intubation or laryngeal mask airway (LMA).
- American Society of Anesthesiologists (ASA) Physical Status Class I to III.
- Preoperative Mini-Mental State Examination (MMSE) score e 24, indicating normal cognitive function.
- Body mass index (BMI) d 30 kg/m<sup>2</sup>.

... and 1 more (see full listing online)

### Exclusion (5)

- History of drug abuse or dependence.
- Known major neurological disorders (e.g., epilepsy, stroke, neurodegenerative diseases).
- History of major psychiatric disorders.
- Known or suspected pregnancy.
- Inability to provide informed consent due to cognitive impairment, language barrier, or any other reason.

## Locations (1 total)

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