

# Investigation of Sedation Depth Via BIS Monitoring in ICU After Cardiac Surgery

NCT07350109

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**Status** RECRUITING  
**Sponsor** Medical University of Graz  
**Enrollment** 50 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Age e 18 years.
- Undergoing cardiac surgery with subsequent admission to the ICU
- expected duration of invasive mechanical ventilation \> 6 hours postop.
- Written informed consent obtained from the patient or legal representative (if the patient is not capable of consent).

### Exclusion (6)

- Pre-existing neurological disorders affecting consciousness or sedation assessment (e.g., severe dementia, epileptic encephalopathy).
- Acute neurological events in the perioperative period (e.g., stroke, intracranial hemorrhage).
- Severe hepatic dysfunction (Child-Pugh Class C).
- Participation in another interventional study potentially affecting sedation or cognitive outcomes.
- Pregnancy or lactation.
- ... and 1 more (see full listing online)

## Locations (2 total)

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Medical University Graz, Graz, Styria, Austria  
Klinikum Wels, Wels, Upper Austria, Austria