

# Evaluation of New Flexible High-density Intra-operative ECoG Electrodes for Epilepsy Surgery. ( EpiGrid )

NCT06205160

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|-------------------|-----------------------------|
| <b>Status</b>     | RECRUITING                  |
| <b>Phase</b>      | Not Applicable              |
| <b>Sponsor</b>    | Neurosoft Bioelectronics SA |
| <b>Enrollment</b> | 12 participants             |

## Key Eligibility Criteria

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### Inclusion (3)

- Age e18 years at the time of enrolment
- Lesional epilepsy (incl. secondary mesial temporal sclerosis) that is considered a candidate for intra-operative high-density grid recordings (incl. patients who underwent sEEG preceding resective surgery)
- Provided informed consent for study participation by the subject

### Exclusion (7)

- Occipital lesion
- Surgeries involving a primary mesial temporal lesion, a disconnection, or hemispherectomy.
- Planned ioECoG recordings during fully awake surgery and/or functional recordings
- Use of anticoagulants that cannot be discontinued during the perioperative period, or a factor XIII deficiency or any other haematological disease
- Active participation in another investigational device study
- ... and 2 more (see full listing online)

## Locations (1 total)

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University Medical Center (UMC) Utrecht, Utrecht, Netherlands