

# Clinical Trial to Compare Two Surgical Approaches to the Cochlea

NCT06453343

---

<b>Status</b>	RECRUITING
<b>Phase</b>	Not Applicable
<b>Sponsor</b>	Radboud University Medical Center
<b>Enrollment</b>	50 participants

## Key Eligibility Criteria

---

### Inclusion (5)

- Individuals aged 18 years and older who have clinically established post-linguistic sensorineural hearing loss.
- CI candidate based on local or national reimbursement criteria.
- Cochlear implantation with a CI632.
- Preoperative 500 Hz pure-tone air conduction threshold  $\leq$ 80 dB hearing level (HL) in the ear to be implanted.
- Willing and able to provide written informed consent.

### Exclusion (10)

- Previous or existing CI recipient.
- Ossification or other anatomical abnormalities of the cochlea or its windows possibly affecting normal electrode array insertion.
- Abnormal cochlear nerve anatomy on preoperative CT or MRI.
- Subjects who are unable to undergo CT or MRI.
- Deafness due to acoustic nerve or central auditory pathway lesions.

... and 5 more (see full listing online)

## Locations (1 total)

---

Radboud University Medical Center, Nijmegen, Netherlands