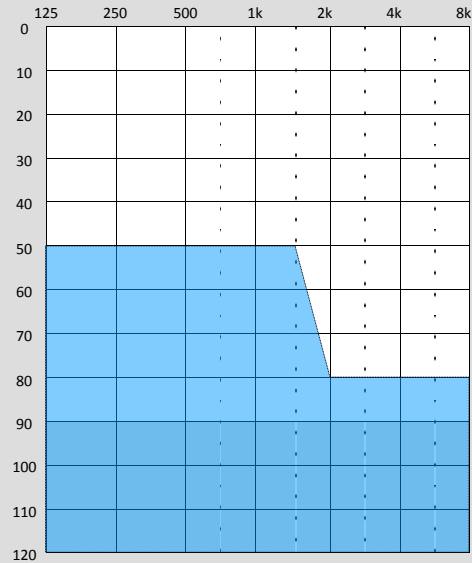
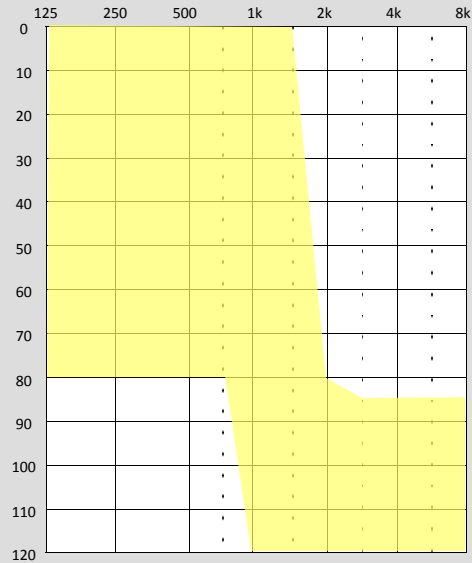


# REFERRAL GUIDELINES FOR AUDITORY IMPLANTS AT THE RNTNE

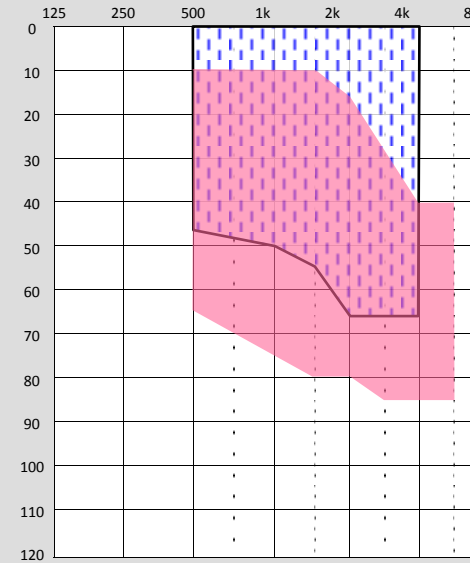
## Cochlear Implant / ABI



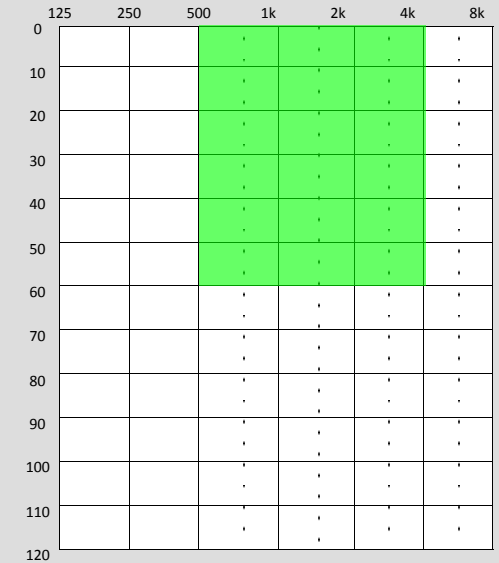
## Electro-Acoustic Stimulation (EAS)



## Middle Ear Implant



## Bone Conduction Implant (BCI)



SNHL (AC Thresholds)
  Conductive & Mixed Loss (BC Thresholds)

### Referral Criteria:

- Severe-Profound HF hearing loss
- Adults: Limited benefit from conventional amplification
- Paediatrics: insufficient audition to support development of age appropriate speech and spoken language development

### Will also consider any hearing loss with:

- Dead Regions
- ANSD

If they are receiving limited benefit from conventional amplification

### Contraindications:

- Unrealistic expectations

### Auditory Brainstem Implant

In cases where there is no auditory nerve, or the auditory nerve is compromised. Generally for those diagnosed with NF2

### Referral Criteria:

- Thresholds within shaded area above
- Limited benefit from HA's
- Stable hearing loss

### Contraindications:

- Progressive loss
- Autoimmune disease
- Otosclerosis, meningitis or ossification
- Malformed cochlea
- Air-Bone Gap >15dBHL
- External ear contraindications to wearing an earmould

### Referral Criteria:

- **SNHL**—AC thresholds within pink shaded area
- Normal Tymps
- AB Gap <10dB HL
- Inability wear conventional hearing aids due to outer ear problems (e.g. exostoses, allergic to earmoulds)
- Preserved speech discrimination (50% on AB Words) at a comfortable level (aided or unaided)
- Stable hearing loss

### Contraindications:

- Constant middle ear infections

### Referral Criteria:

- **Mixed or Conductive hearing loss**—BC thresholds within blue dotted area
- Stable BC thresholds
- Absence of active or chronic middle ear infection
- Previous unsuccessful BAHA

### Contraindications

- Constant middle ear infections
- Ear anatomy which doesn't allow positioning of the floating mass transducer

### Referral Criteria:

- Bone conduction thresholds within shaded area above
- Inability to wear conventional hearing aids
- Outer or middle ear problems

OR

- Single Sided Deafness [defined as 4 fq average <20dBHL on best ear]

Contact us on 020 3456 5001/2 for further information

## General information for professionals referring a patient to our service

We accept referrals nationwide but most of our referrals come from other London hospitals or from the surrounding London counties. We accept referrals from a wide range of professionals who work with the patient including GPs, Audiologists, Teachers of the Deaf, Speech and Language Therapists, Hearing Therapists, ENT surgeons and Consultants in Audiovestibular Medicine. There is no minimum or maximum age of referral. However there are minimum ages for some of the surgical procedures. Please contact the department for further advice.

Please ensure you include the following important background information in the referral:

- Up to date audiogram
- History of audiological thresholds
- Main mode of communication including whether an interpreter is needed and which language/s
- Hearing aid use
- Aetiology of deafness, or investigations to date into aetiology
- Information on additional needs or developmental delays and/or learning difficulties
- Patient's preferred contact details

Additionally we accept referrals from patients who were implanted at a different hospital, but wish to have their care transferred to our centre. As a minimum, we require the name of the hospital implant centre they have come from and the type of implant device they have.

Referrals can also be made in writing or faxed to us.

For adult and paediatric referrals, please address the referral to:

The Auditory Implant Department  
Royal National Throat Nose and Ear Hospital  
330 Gray's Inn Road,  
London,  
WC1X 8DA

Fax number for all referrals: 020 345 65003

Phone number for any enquiries: Adults: 020 345 65001 Paediatrics: 020 3456 5002

Email for any enquiries: [cioffice@uclh.nhs.uk](mailto:cioffice@uclh.nhs.uk)