Inner ear deafness & OI
a solitary journey with a possible positive outcome

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Let’s interact a little

Among you, how many have hearing problems?

Please raise your hand!
Key words

Ambiant sounds

Film editor = picture editing and sound editing

Hearing loss degrees

- **light loss**: the -30 dB threshold
- **mild**: -40 dB to -70 dB
- **severe**: -70 dB
- **deep loss**: -90 dB and beyond
**Key words**

*Retour d’image* was a non profit association screening films made accessible to all. Working with the Deaf Community, and other people with disabilities...

- Sign language
- Lip reading
- Cued speech
- Open Captions
- Closed Captions
Key words

Automatic transcription

(Artificial Intelligence apps)

Ava.me

@rogervoiceapp
Key words

Inner Ear (cochlea)

Cochlear Implant = C.I
12 to 22 electrodes
Perimodular

Auditory nerve
Risk of facial nerve stimulation
Key words

Centre d’Implantologie Pitié-Salpétrieère, Paris

Activation : 1 month after surgery
Tuning : 8 times during the 1st year
Resources for patients
Existing & to be implemented

A Google drive document operated by OIFE

- List of surgeons practicing C.I, who are experienced with O.I
- Patient testimonies
- Articles on Inner Ear defects caused by O.I (not all translated)
Resources Needed

More research and publications on the mutations causing inner ear defects in some O.I patients

More research on the prevalence of deafness (middle ear / inner ear)

Any ideas? Questions?