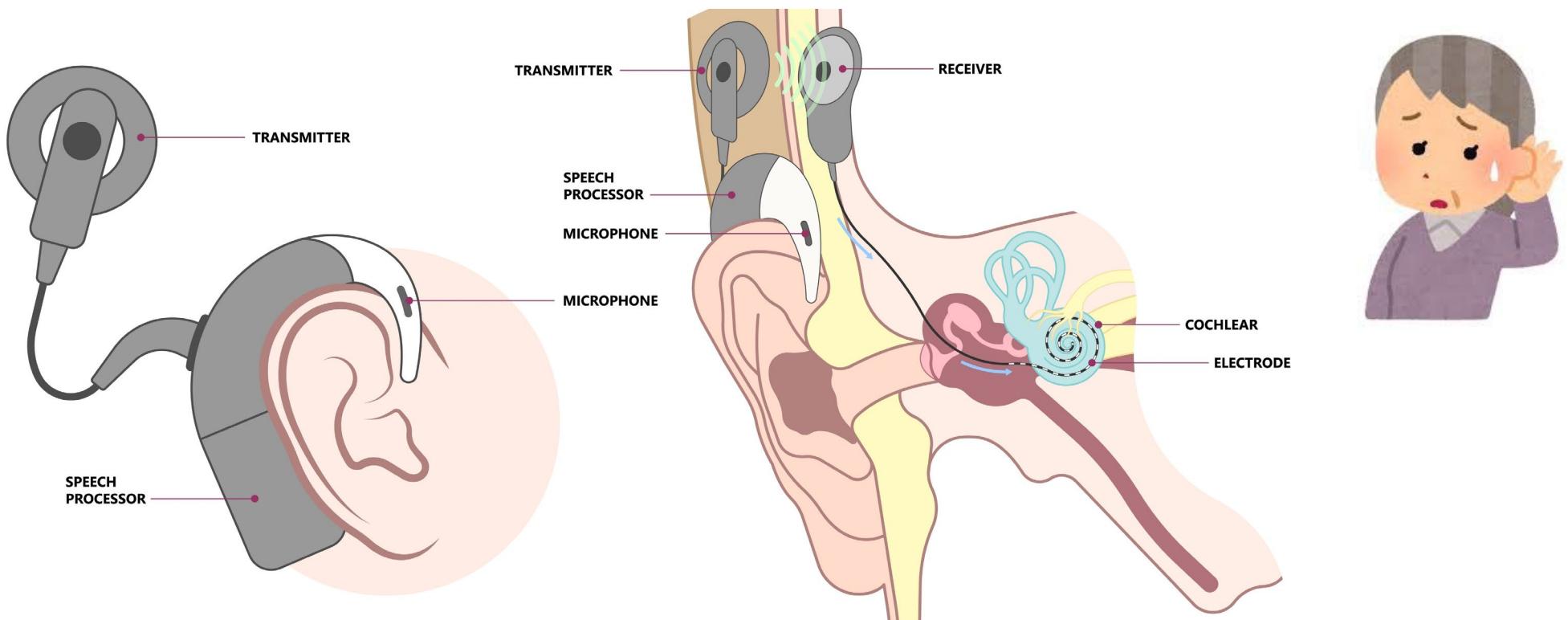


Cochlear Implant

A cochlear implant is a special medical device that is helpful for people who have severe hearing loss.



The cochlear implant has two main parts:

- ① The external part placed behind the ear and picks up sounds from the environments.
- ② The internal part that is surgically implanted inside the ear, which then sends the electrical signals to the nerves in the ear to help the person hear.

These two parts talk to each other through the transmitter and the receiver.

What are researchers worldwide working on now?

Cochlear implants do not help certain types of hearing loss. Research is being conducted to improve cochlear implants.

To make cochlear implants cheaper and more readily available, some researchers are working on developing concepts of robotic surgeries.

Some researchers are working to make hearing with cochlear implant more natural by making cochlear implants smarter.

The cochlear implant that can deliver drugs to protect your hearing are under clinical trials. Others are trying to make a cochlear implant that can regenerate some cells in the ear.

... and MORE! Stay tuned for innovation in the hearing space!

