

## Human auditory organ

# The Labyrinth,

## Labyrinthus

- A. Osseous labyrinth, *Labyrinthus osseus*
- B. Membranaceous labyrinth, *Labyrinthus membranaceus*
  1. Vestibule, *Vestibulum*
  - a) Fenestra of the vestibule, *Fenestra vestibuli (ovalis)*
  - b) Fenestra of the cochlea, *Fenestra cochlear (rotunda)*
  - c) Secondary tympanic membrane, *Membrana tympani secundaria*
  2. Lateral semicircular canal, *Canalis semicircularis lateralis*
  3. Superior semicircular canal, *Canalis semicircularis superior*
  4. Posterior semicircular canal, *Canalis semicircularis posterior*

At one end of each of the semicircular canals is a dilatation:

- d) Osseous ampul, *Ampulla ossea*

5. Cochlea, *Cochlea*
- e) Basal turn
- f) Central turn
- g) Pointed turn
- h) Cupola, *Cupula*
- i) Modiolus, *Modiolus*
- k) Osseous spiral lamina, *Lamina spiralis ossea*
- l) Spiral hamulus of the lamina, *Hamulus laminae spiralis*
6. Anterior semicircular duct, *Ductus semicircularis anterior*
7. Posterior semicircular duct, *Ductus semicircularis posterior*
- m) Common crus of the anterior and posterior semicircular duct
8. Utricule, *Utriculus*
9. Sacculle, *Sacculus*
10. Endolymphatic duct, *Ductus endolymphaticus*
11. Utriculosaccular duct, *Ductus utriculosaccularis*
- n) Membranaceous spiral lamina, *Lamina spiralis membranacea*
- o) Vestibular wall of the cochlear duct, *Paries vestibularis ductus cochlearis*
- p) Scala of the vestibule, *Scala vestibuli*
- q) Scala of the tympanum, *Scala tympani*
- r) Cochlear duct, *Ductus cochlearis* (Place of the organ of Corti)
12. Stato-acoustic nerve, *Nervus statoacusticus (N. octavi)*
13. Cochlear part, *Pars cochlearis (n. octavi)*
14. Vestibular part, *Pars vestibularis (n. octavi)*

The labyrinth, a bony capsule, is the innermost section of three in the auditory organ.