Branchial Pouches: 1st Pouch

The branchial pouches are found on the endodermal side of the branchial (pharyngeal) apparatus and separates the branchial arches. The 1st branchial pouch develops into the middle ear cavity, the eustachian tube and mastoid air cells. The 1st pouch also contributes to the endoderm lined structures of the ear.



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Endoderm Lines the Auditory Tube
Indoor-deer in Auditory Tube
The 1st branchial pouch contributes to the endoderm-lined structures of the ear, such as the inner layer of the tympanic membrane and the eustachian tube.

Middle Ear Cavity
Metal Ear Cavity
The 1st pouch develops into the middle ear cavity.

Eustachian Tube
Ear-radio-station Tube
This branchial pouch also develops into the eustachian tube.

Mastoid Air Cells
Mustard Air Cells
The mastoid air cells (mastoid antrum) describes the air space in the bony portion of the temporal bone.

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