

# Presbycusis

In the ear hearing aid - ITE Behind the ear hearing aid - BTE **Presbycusis** is caused by the **aging** of the inner ear. It's the **most common** hearing impairment in the population.

## Etiopathogenesis

Essentially it is the **physiological aging** of the auditory system as a whole. The process of aging is very individual and also depends on external factors (exposure to noise, toxins and other factors during life).

## Symptoms and diagnosis

- hypacusis - symmetrical perceptual disorder of higher tones (basocochlear), however, over time it spreads to lower frequencies, most significant is the involvement of 1-3 kHz (speech);
- tinnitus - may or may not be present, it's not a constant sign;
- there is a **decrease in the ability of auditory analysis** (especially comprehension of speech);
- on a verbal audiogram the result is usually worse than on a tonal → impairment of higher levels in the auditory pathways.

## Therapy

**Causal therapy doesn't exist. Hearing aid rehabilitation** is used as symptomatic therapy.

## References

### Source

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### Used literature

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