

Tinnitus

As **tinnitus** (**ringing** in the ears) we refer to auditory sensations for which there is no sound source in the external environment.

Subjective Tinnitus

Auditory perception is not linked to real physical sound, it is perceived **only by the patient**.

- Usually pure tones, noises or sounds:
 - **Conductive hearing loss** is usually accompanied by **humming** and **buzzing**.
 - **Perceptual hearing loss** is most often accompanied by **whistling, buzzing, ringing** or **hissing**.
- (Sometimes also in lesions of the middle ear otosclerosis, tympanosclerosis).
- Tinnitus may be the first symptom of a vestibular schwannoma.

Objective Tinnitus

Objective tinnitus is less common and is caused by an actual sound source near the auditory system, the sound is not only heard **by the patient**.

- Blood flow in a vascular malformation (arteriovenous shunts), stenosis, aneurysm or in a tumor can be influenced by compressing the supply artery.
- More rarely, the contraction of the muscles of the middle ear has the character of *peeling* or *humming*.

Anamnesis

We describe symmetry/lateralization, intensity, character, pitch, duration and affectability.

Links

External Links

- Tinnitus (Czech wikipedia)
- Tinnitus (English wikipedia)
- Tinnitus (Thomayerova nemocnice veřejnosti) (<http://www.ftn.cz/tinnitus-716/%7C>) - 14.12.2021 link unavailable

Source

- BENEŠ, Jiří. *Studijní materiály* [online]. ©2007. [cit. 2009]. <http://jirben2.chytrak.cz/materialy/orl_jb.doc>.

References

- KLOZAR, Jan. *Speciální otorinolaryngologie*. 1. edition. Galén, 2005. 224 pp. ISBN 80-7262-346-X.
- HYBÁŠEK, Ivan. *Ušní, nosní a krční lékařství*. 1. edition. Galén, Karolinum, 1999. 220 pp. ISBN 80-7262-017-7, 80-7184-949-9.