

# Temporal lobe syndrome

**Temporal lobe syndrome** is characterized by the following symptoms:

## Symptoms <sup>[1]</sup>

- **Psychological disorders** – an organic psychosyndrome, that can even resemble a prefrontal syndrome
- **Behavioural disorders** – sometimes even psychotic features or aggressiveness, dream-like feelings, depersonalization
- **Perception disorders** - (different from prefrontal syndrome) – pseudo-hallucinations, the illusion that the patient has already seen, heard or experienced the given thing, or on the contrary does not recognize familiar persons or things
- **Wernicke's or amnesic aphasia** in a lesion of the dominant hemisphere
- **disorder of spatial orientation** with a lesion of the non-dominant hemisphere, neglect syndrome
- **Cortical deafness** in bilateral lesions
- they can also be:
  - dizziness
  - contralateral homonymous hemianopsia in a white matter lesion with radiatio optica violation
  - partial complex epileptic seizure
  - unciform crisis – bouts of olfactory parosmia, mostly unpleasant olfactory sensations (cacosmia). These are pseudo-hallucinations (the patient is aware of the pathology of perception, has insight).
  - dreamy states<sup>[2]</sup>

## Links

### Related Articles

- Prefrontal syndrome
- Frontal lobe syndrome
- Rolandic syndrome
- Occipital lobe syndrome
- Parietal lobe syndrome
- Functional cortical areas

### Reference

1. AMBLER, Zdeněk. *Základy neurologie*. 6. edition. Galén, 2006. 351 pp. ISBN 80-7262-433-4.
2. NEVŠÍMALOVÁ, Soňa – RŮŽIČKA, Evžen – TICHÝ, Jiří. *Neurologie*. 1. edition. Galén, 2005. 367 pp. ISBN 80-7262-160-2.