Abstrakt:

As a topic of my bachelor thesis I have chosen “Biological determinants of cognitive disorders”. Because of the bachelor thesis’ coverage I was forced to choose only two cognitive functions – memory and thinking. This work as a whole is an attempt to combine psychological theories with neurological and psychiatric knowledge which are now popular thanks to the rapid development of imaging techniques of brain. One chapter is specifically focused on their brief summary.

In the beginning specific cognitive functions are circumscribed but only two of them are taken further – memory and thinking. More space is dedicated to memory because neurological research of memory is much more complex compared to thinking. My approach is similar in both cognitive functions - at first I focus on description of normal functioning and then I classify and describe specific disorders, trying to find their neurological correlations.

The second part of my bachelor thesis proposes the research of episodic memory, in which I would compare differences in its distortions from both neurological and neuropsychological perspective. Patients with delusions, pseudologia fantastica and patients with often confabulations are the target group. I tried to create as realistic design as possible. However I realize its financial difficulties and some complicated aspects of choosing the probands.

Keywords:

Cognition, Memory, Memory disorders, Thinking, Thought disorders