

The nervous system is one of the most important organ systems of the human body. All the functions of the body are regulated and controlled by the nervous system, which consists of two main divisions:

1. the cerebrospinal nervous system – systema nervosum centrale
2. the peripheral nervous system – systema nervosum periphericum.

Neurology is a very large branch and that's also the reason why there are many of the imaging methods which help the neurologists first in the diagnostic.

In this dissertation I deal with the importance of such methods like are e.g. magnetic resonance imaging (MRI), computer tomography (CT), digital subtraction angiography (DSA) and the other.

There will be described a progress of investigation and especially the importance and applying the technology to the neurology.

Analysis of the role of the radiologic technician in neurology is the separate chapter, where I try to sum up the way of applying the radiologic technician in so-called auxiliary neurological investigations.