## **Abstract**

This diploma thesis deals with the psychical and physical stress of nurses working in anesthesiology and intensive medicine. In the theoretical part, the problems of psychical and physical stress are presented, as well as the role of nurses and their activities undertaken in the units of anesthesiology and intensive care.

The practical part deals with a research that aims to obtain data revealing indicators of mental and physical stress of nurses working in anaesthesiology and intensive medicine. The research took place in four selected hospitals in their departments of anesthesiology and intensive care and intensive care units of neurosurgical clinics. Respondents were divided into two groups - respondents of anesthesiology and intensive care and respondents from department of neurosurgery. Groups were compared and results are presented in tables and graphs.

## **Key words**

Anesteziology, intensit medicine, roles of nurses, physical stress, psychological stress, departemnt of ICU