

## **ABSTRACT**

The topic of my thesis has been decided on the basis of my profession as an anesthesiology nurse at the Clinic of Gynecology and Obstetrics, in which I come into contact with pain of mothers very often. The effort of medical staff is to relieve women from the pain as much as possible. Pain relieving methods include the application of epidural analgesia for labor. In the Czech Republic, like in other countries in the world, we have experienced 20 years of a steady rise in the use of this method. However, regional analgesia has its complications. One of them is the post-dural-puncture headache, which is relatively frequent in obstetrics (about 1% of all neuroaxial methods). This complication can have serious consequences for patients without adequate treatment, nursing care, adequate communication and psychological support. My bachelor theses provides insight into this issue. The work consists of two main parts and is processed as a case report.

The theoretical part is a review of methods of regional analgesia pain relieving. I describe the difference between epidural and spinal analgesia and possible complications. Most of the space is given to the main complication - post-dural-puncture headache. I will focus on specific psychological problems in the puerperium that is associated with complications of regional anesthesia.

In the nursing part of my thesis, there are two case reports with a detailed plan of nursing care and the subsequent realization. Work is processed as a case study of patients in confinement department. The aim is to compare nursing care of a patient with post-dural-puncture cephalgia and nursing care of a patient after childbirth without post-dural-puncture cephalgia complications. The discussion will focus on the detected differences in nursing care. The benefit of the thesis is to determine the current situation concerning providing nursing care in the confinement department.

**keywords:** : post-dural-puncture headache, blockade, obstetrics, complications, nursing care