

The presented thesis “Detection of fetal abnormalities in the 1st trimester of pregnancy” includes a list of methods used for the detection of fetal abnormalities in the first trimester. At the beginning it briefly summarizes the abnormalities, which can be detected. The second chapter is devoted to various detection methods, in particular, ultrasound examination, invasive methods and biochemical screening. It deals with the various indicators which are assessed during ultrasound examination and the biochemical markers, which can be detected. It describes the combination of detection methods used in practice. The final chapter presents the typical factors that are evaluated when calculating the risk of fetal abnormalities, and the methods used for this calculation.