

Master thesis called „Scope of use of urodynamic examination in female urinary incontinence“ deals with the problems in diagnostic of spontaneous urine leakage in women and the application of urodynamic examination in this diagnosis.

The aim of this work is to determine the scope of use of urodynamic examination in diagnostic of urinary incontinence in women and on a set of patients who show these difficulties perform urodynamic examination and then to evaluate the results of measurement. The work also contains well-arranged casuistics of individual women in which was made urodynamic examination by method uroflowmetry and cystometry.

Thesis is divided into theoretical and practical part. The theoretical part of the work described in each chapter a brief anatomy and physiology of lower urinary tract in women, the individual classification of urinary incontinence, necessary diagnostic previous urodynamic examination and own methods of urodynamic examination. This part is supplemented by informations and practical experiences. The practical part is focused on individual casuistics of incontinent women in which were taken carefully anamnesis, further necessary examinations needed and urodynamic examination by method uroflowmetry and cystometry. Measured results of these methods are then evaluated in the following chapter.

Discussion is dedicated to influence of measurement results and evaluation of using methods. In conclusion of work there is a comprehensive evaluation of attained results by methods of urodynamic examination.