

## **Abstract**

Bachelor thesis named „The incidence of resistance to antibiotics in most common bacterial agents of urinary tract infections in out-patients,, deals with urinary tract infections as one of the most common bacterial infections in the adult population but also in children and adolescents. Objective of this thesis is to compare the degree of resistance of the most commonly occurring bacterial agents of urinary tract infections to peroral using of antibiotics and chemotherapeutics. The sub goal of this thesis is to compare the found results between the adult, child and adolescent population. The sample consists of 30,123 urine samples of out-patients of general practitioners in Karviná district. The research reveals that the most common bacterial agents are *Escherichia coli*, *Klebsiella pneumoniae*, *Proteus mirabilis*, *Enterococcus faecalis* and *Streptococcus agalactiae*.