SUMMARY

My dissertation deals with the significance of C-reactive protein determination in clinical practices. It is divided into three parts. Theorethical part acquaints us with CRP, statistics and statistical methods. Experimental part informs us about the applied machine, data gathering and outcomes valuation procedures.There are results of statistical data processing in the final part of my thesis.

CRP was measured with Qucread 101 machine (Oriondignostika) in all cases and biological samples to distinguish between different kinds of infection were collected from all examined patients. I set down all the examination results and patients symptoms into a tab and made statistical data evaluation.

The purpose of my work was to find out if CRP level incresed above 50mg/l isdefinitely confirmed by biological samples examination. If we can find possitive cultivation when CRP is lower than 8mg/l and finally to discover the correlation between all investigated atributes. Aftet answering these qeustions we should be able to find out significance of CRP measuring in diagnosis assessment.