ABSTRACT

Until now in monitoring situation of infusion bottle still apply manual processing that is by the way of checked every hour condition of infusion bottle or if there is reporting from the side of this pasien.This case becoming idea base for monitoring appliance implementation and design base on mikrokontroler and PC (Personal Computer). Where in process of monitoring condition of bottle infus, very important its use to check condition of patient infusion bottle, causing required by monitoring appliance capable to working to watch condition of infusion bottle in real time and updating every minute.

In this final duty conducted scheme of infusion monitoring system block then do examination to every component at infusion monitoring system and also analyse performance parameter to result from infusion monitoring system activity process.

Result from examination which done at infusion monitoring system show every component at appliance working better. Then result from performance analysis from condition of infusion bottle as according to appearance at PC (Personal Computer). At attempt got if kodisi pot is clean infusion bottle / contents and dropp / don't dropp as according to appearance at program Delphi. For amount of drops calculation at programs Delphi come near calculation manually with level of mistakes planes planes equal to 0.13075%.

Kata Kunci : Mikrokontroler,Infus, Delphi