

**ABSTRACT**

One way to improve the quality of health service in Public Health Centers (PHC) is by providing certified drugs in accordance with requirements (types and amount). From July to September 2002, there was stagnant and drug stock out at Kediri PHCs. The purpose of this research was to compile drugs requirement and to detect which medicine consumed the biggest budget in order to fulfill drugs sufficiency at Kediri PHCs. This was an analytic study using group A drugs from ABC Analysis (Pareto) as the object of research. The secondary data was taken from July 2001 to June 2003. The process of this research was as follows: 1) drug procurement planning was executed by: a) calculating drug minimum consumption in one previous year; b) counting the remaining of drug stock at all PHCs; c) safety stock and lead time. 2) drug distribution from drug institution to all PHCs was done by calculating PHC's optimum stock subtracted by the existing drug stock. 3) the optimum stock was estimated from the average of three previous months of drug consumption added with safety stock, which is calculated from deviation standard. 4) the recording of drug usage must be computerized from daily use planning resulting an optimum stock, usage report and drug demand sheet. The result of the analysis showed that a good planning of drug procurement and correct distribution to PHC will decrease stagnant and drug stock out. Efforts to do : 1) recording drug usage in PHC and Sub PHC on a daily basis with computer; 2) method of drug planning adjusting to present condition; 3) establishing computer network of all PHCs and drug institutions; 4) drug planning according to needs.

**Key words:** consumption based, ABC Analysis, optimum stock.

