

ABSTRACT

Health is an important asset today. Pharmacy is one of the important aspects in the health care system that is responsible for the management of drugs and other health products. Radinka Pharmacy is a health facility located on Jalan P. Diponegoro No. 167, Bumiayu, Brebes Regency, Central Java 1. This pharmacy provides sales services for drugs and health products and is also one of the places that serves the pharmaceutical needs of the community in the region. Radinka Pharmacy has no clear policy regarding the supply of Amoxicillin Tab 500 Mg. In July, September, November and December sales were greater than purchases of Amoxicillin Tab 500 Mg, while in other months the purchase of Amoxicillin Tab 500 Mg was more than sales. Some triggering aspects include man, material, method, and environment. The man aspect includes the absence of a determination regarding the procurement plan for Amoxicillin Tab 500 Mg. Material aspects include distributor limitations in delivery. The method aspect includes inefficient inventory policies, such as not determining the order quantity and reorder period. Environment aspects include unstable consumer demand. Based on the above problems, the solution provided is a proposed Amoxicillin Tab 500 Mg inventory policy to minimize total annual costs using EOQ and min-max. The proposed inventory policy can minimize the total annual cost from Rp13,404,821 to Rp.5,957,441.

Keywords: *Amoxicillin Tab 500 Mg, minimize, total annual cost, EOQ, min-max*