CHAPTER V
CONCLUSION AND RECOMMENDATION

This chapter consist of the conclusion of the result and recommendation for future research. These points will be explained in the paragraph below.

5.1   Conclusion

The conclusions of this final project are:

1.   Current inventory system of Pharmacy Department of RSUD Pariaman is still inefficient. Pharmacy Department consumes high investment for inventory where the average of investment in each month is always higher than the demand value and reaches the double of the demand value so the value of inventory at the end of period is still high than it averages inventory has to be. Thus, pharmacy department need a proposed policy of inventory control to optimize the total inventory cost.

2.   The proposed management control for Pharmacy Department of RSUD Pariaman is based on ABC classification. Iitems that are include to group A is the most important to be controlled frequently because it has the highest usage value and consumes more investment. Items in group B and C are the second priority. These items also have to be controlled but not as important as items-A because these items has lower usage value and lower investment. In order to make the management control becomes easier, the location of the items can be rearranged where the items-A is located near to the door of storage and followed by items-B and items-C sequently.

3.   In the order policy of Pharmacy Department of RSUD Pariaman, the order will be done based on joint replenishment concept by using EOQ model under condition with permissible delay in payment. Each supplier of the product has its own order interval. Each item in inventory also have safety stock to anticipate the fluctuation of the demand. Payment of the last order

will be done in the next order. Thus, there will be charged that must be paid by pharmacy department if the order interval longer then permissible delay time of payment. The total cost of inventory based on proposed policy is IDR 97.841.632,75 per year wheich is lower than current inventory policy about 55%.

5.2   **Recommendation**

The recommendations for the future research are:

1.   Similar research is necessary to apply for other kinds of order mechanism such as for the items that used government's budget.

2.   Variable lead time should be considered in the future research