CHAPTER EIGHT

CONCLUSION

This chapter is devoted to the main results obtained from this research as well as to the researcher's recommendations. In section (8.1) the results are summarized while in section (8.2) the recommendations are displayed.

8.1   Research results:

Several results emerged in this research. These results could be summarized in the following:

1. Critical percentage method has the minimum imbalance compared with pure randomization method in single layers.

2. Critical percentage method has the minimum imbalance compared with minimization method in single layers.

3. Critical percentage method has the minimum imbalance compared with pure randomization method in total assigning of the trial.

4. The difference between critical percentage method and minimization method in imbalance is very small in total assigning of the trial.

5. Critical percentage method seems to be superior to the RM method in reducing imbalance both in single layers and total assigning.

   However compared to the MIN method, its superiority appears only in the case of single layers.

8.2 Research recommendations:

1. Researchers in clinical trials are recommended to use CPM method instead of MIN and RM methods in when balance in single layers is important.

2. However in case of balance total assigning is important when either CPM or MIN are used.

3. More research needs to be carried out to investigate the performance of the three methods in other environmental conditions.