

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### 5.1 Conclusion

Based on the research result, can be concluded that:

1. The students learning outcome on nervous system topic class XI Science Program in SMA Negeri 8 Medan after given the treatment of 5E (Engagement–Exploration–Explanation–Elaboration–Evaluation) Learning Model in experiment class 80.91 and in control class had been taught by direct learning model is 74.33
2. Effect of implementation 5E in experiment class has significant different about 13%.
3. Student's retention rate in experiment class is higher than student's retention rate in control class.

#### 5.2 Suggestion

Based on the result and conclusion above, the researcher recommended:

1. Teachers should do many new ways in teaching and to uses models that can be make the students active and interesting to learn and also to make students find out the concept by themselves in learning process, such as doing 5E (Engagement–Exploration–Explanation–Elaboration–Evaluation) Learning Model.
2. This is still simple research, hope for next time there is development about implementation 5E (Engagement – Exploration – Explanation – Elaboration – Evaluation) Learning Model
3. In this research use nervous system topic, hope there is research about implementation 5E (Engagement – Exploration – Explanation – Elaboration – Evaluation) Learning Model on different topic for next time, so can be compared the result of research.