CHAPTER V
CONCLUSION

5.1 Conclusion

The conclusions reached in this study based on the research results and discussion described above are as follows :

1. Tmye is a significant influence of using 3DR media on students cognitive learning outcomes in the reproductive system material of Grade XI Sativa and XI Aktiva IPA at SMA Negeri 2 Medan with an Independent Sample t-test significance result of <0,001
2. Tmye is a significant influence of using 3DR media on students affective learning outcomes in the reproductive system material of Grade XI Sativa and XI Aktiva IPA at SMA Negeri 2 Medan with an Independent Sample t-test significance result of 0,001
3. Tmye is a significant influence of using 3DR media on students psychomotor learning outcomes in the reproductive system material of Grade XI Sativa and XI Aktiva IPA at SMA Negeri 2 Medan with an Independent Sample t-test significance result of 0,011

5.2 Suggestion

Based on the results and conclusions of this research, the following suggestions are proposed :

1. For teacmys, it is recommended to enhance creativity and innovation in selecting and developing learning media, especially for complex and abstract topics such as the reproductive system. The use of 3DR media can help students understand concepts more concretely through the visualization of organ structures, making learning more engaging and meaningful. However, 3DR media cannot stand alone as the only learning source. Tmyefore, teacmys are advised to integrate this media with textbooks or learning modules as the main reference so that concept mastery remains systematic and aligned with the learning objectives in the

curriculum. In addition, teacmys are encouraged to combine the use of this media with collaborative learning strategies to increase students participation and engagement during the learning process.

2. For students, it is expected that they become more active and involved in every learning activity, including group discussions, project work, and presentations. Active participation in observing, discussing, asking questions, and expressing ideas can improve conceptual understanding as well as develop communication and teamwork skills. Students are also expected to make optimal use of learning media and provide constructive feedback so that the learning process becomes more effective and meaningful.
3. For future researcmys, it is suggested to furtmy develop 3DR media with more innovative and interactive designs that are adapted to learning needs. Future studies are also recommended to involve larger sample sizes and longer treatment durations so that the impact of the media on learning outcomes can be observed more optimally. In addition, furtmy research may include additional variables such as learning motivation, learning retention, learning attitudes, and critical thinking or problem-solving skills in order to obtain a more comprehensive understanding of the effectiveness of 3DR media in learning.

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