

ABSTRAK

Khairul Fahmi Fadhlani. Pengembangan Alat Lampu Reaksi Untuk Sasaran *Smash* pada Olahraga Bola Voli. Tesis. Medan: Program Pascasarjana Universitas Negeri Medan. 17 Januari 2023.

Jenis penelitian ini adalah pengembangan (*research and development*). Dalam penelitian pengembangan alat bantu *smash* bola voli. Dalam penelitian ini penulis menjalankan 8 langkah penelitian dikarenakan keterbatasan peneliti. Penelitian ini direncanakan akan dilaksanakan pada bulan September 2022. Lokasi penelitian dilakukan di klub ekstrakurikuler SMA Swasta Nusantara. Dalam penelitian ini, diberikan uji coba kecil pada 10 orang atlet ekstrakurikuler bola voli SMA Swasta Nusantara, dan pada uji coba besar dilakukan pada 20 orang atlet ekstrakurikuler bola voli SMA Swasta Nusantara. Berdasarkan uraian hasil penelitian dan pembahasan, maka ditentukan kesimpulan dalam penelitian ini yaitu hasil uji coba kelompok besar oleh responden atlet sebanyak 20 atlet dari SMA Nusantara Lubuk Pakam. Dimana hasil perolehan skor dalam uji coba kelompok besar adalah 1270 dengan persentase 90,71. Hasil uji coba kelompok besar oleh responden pelatih sebanyak 2 orang dari SMA Nusantara Lubuk Pakam. Dimana hasil perolehan dalam uji coba kelompok besar adalah 104 dengan kategori 94,54%, artinya uji coba kelompok besar terhadap tanggapan produk sangat layak. Hasil revisi akhir ahli bola voli oleh memperoleh skor 100 dengan persentase 90,91% artinya pengembangan produk alat bantu *smash* ini sangat layak. Kemudian ahli media diperoleh skor 62 dengan persentase 95,38% artinya pengembangan produk alat bantu *smash* ini sangat layak.

Kata Kunci : Alat Lampu Reaksi, Bola Voli, Sasaran Smash.



ABSTRACT

Khairul Fahmi Fadhlani. Development of a Reaction Light Tool for Smash Targets in Volleyball Sports. Thesis. Medan: Graduate Program, State University of Medan. 17th January 2023.

This type of research is research and development. In research on the development of volleyball smash tools. In this study, the authors carried out 8 research steps due to the limitations of the researcher. This research is planned to be carried out in September 2022. The location of the research is in the extracurricular club of SMA Swasta Nusantara. In this study, a small trial was given to 10 volleyball extracurricular athletes at the Nusantara Private High School, and a large trial was conducted on 20 volleyball extracurricular athletes at the Nusantara Private High School. Based on the description of the research results and discussion, the conclusions in this study were determined, namely the results of large group trials by athlete respondents as many as 20 athletes from SMA Nusantara Lubuk Pakam. Where the score in the large group trial was 1270 with a percentage of 90.71. The results of the large group trial by the trainer respondents as many as 2 people from SMA Nusantara Lubuk Pakam. Where the results obtained in large group trials are 104 with a category of 94.54%, meaning that large group trials on product responses are very feasible. The results of the final revision of volleyball experts by obtaining a score of 100 with a percentage of 90.91% means that the development of this smash aid product is very feasible. Then media experts obtained a score of 62 with a percentage of 95.38%, meaning that the product development of this smash tool is very feasible.

Keywords: Reaction Lamp, Volleyball, Smash Target

