

ABSTRACT

Background: Many aspects must be studied and mastered in anatomy learning material, especially the skeletal system which has many bone markings which often make it difficult for students to remember them. The short and interesting material in the pocketbook helps students identify preparations during the practicum so that students can increase their understanding and gain practical value.

Methods: This research used a quasi-experimental method with a pre-test and post-test control group. The sampling method used was a total sampling of 115 students from the Medical Study Program, Faculty of Medicine and Health Sciences, Jambi University class of 2023. The instrument used is a skeleton system pocketbook.

Results: Of the 106 samples involved, 53 samples were the experimental group and 53 samples were the control group. The mean pre-test and post-test scores for the experimental group were 61.86 and 78.04, while those for the control group were 63.74 and 71.35. In the mean pre-test scores, there was no significant difference between the mean scores of the experimental group and the control group ($p\text{-Value} = 0.488$). Meanwhile, in the mean post-test scores there was a significant difference between the two groups ($p\text{-Value} = 0.005$) where the experimental group had a higher mean score.

Conclusion: There is a significant difference in the use of the skeletal system anatomy pocketbook on the value of anatomy practicum for medical students at the Faculty of Medicine and Health Sciences, Jambi University.

Keywords: *Anatomy, Practicum, Skeletal System, Pocket Book.*

ABSTRAK

Latar belakang: Banyak aspek yang harus dipelajari dan dikuasai dalam materi pembelajaran anatomi sistem skeletal yang memiliki banyak *bone marking* sehingga sering kali membuat mahasiswa kesulitan dalam mengingatnya. Materi yang singkat dan menarik dalam buku saku membantu mahasiswa mengidentifikasi preparat selama praktikum berlangsung, sehingga dapat meningkatkan pemahaman dan peroleh nilai praktikum mahasiswa.

Metode: Penelitian ini dilakukan menggunakan metode *quasi experimental research with pre-test post-test group control*. Metode sampling yang digunakan adalah *total sampling* pada mahasiswa Program Studi Kedokteran FKIK Universitas Jambi angkatan 2023 sebanyak 115 sampel. Instrumen yang digunakan adalah buku saku sistem skeletal.

Hasil: Dari 106 sampel yang terlibat, 53 sampel merupakan kelompok eksperimen dan 53 sampel merupakan kelompok kontrol. Nilai rerata *pre-test* dan *post-test* kelompok eksperimen adalah sebesar 61,86 dan 78,04, sedangkan pada kelompok kontrol adalah sebesar 63,74 dan 71,35. Pada rerata nilai *pre-test*, tidak terdapat perbedaan signifikan antara rerata nilai kelompok eksperimen dan kelompok kontrol ($p\text{-Value} = 0,488$). Sementara itu, pada rerata nilai *post-test* terdapat perbedaan signifikan antara kedua kelompok ($p\text{-Value} = 0,005$) dimana kelompok eksperimen memiliki rerata nilai yang lebih tinggi.

Kesimpulan: Terdapat perbedaan yang bermakna dalam penggunaan buku saku anatomi sistem skeletal terhadap nilai praktikum anatomi mahasiswa kedokteran Fakultas Kedokteran dan Ilmu Kesehatan Universitas Jambi.

Kata Kunci: Anatomi, Praktikum, Sistem Skeletal, Buku Saku.