

**PROGRAM STUDI S1 KEPERAWATAN
FAKULTAS KEPERAWATAN
INSTITUT KESEHATAN PAYUNG NEGERI PEKANBARU**

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Pengaruh Edukasi Kebutuhan Cairan Tubuh Terhadap Kemampuan Dalam
Mengukur Balance Cairan Pada Mahasiswa Prodi S1 Keperawatan Ikes PN

xiv + 45 halaman + 11 tabel + 4 skema + 14 lampiran

ABSTRAK

Keseimbangan cairan tubuh berperan penting dalam menjaga fungsi tubuh yang optimal, terutama dalam praktik keperawatan. Namun mahasiswa keperawatan masih mengalami kesulitan dalam perhitungan *balance* cairan. Edukasi berbasis media video animasi dapat menjadi strategi efektif untuk meningkatkan kemampuan mahasiswa dalam mengukur *balance* cairan. Penelitian ini bertujuan untuk mengetahui pengaruh edukasi tentang kebutuhan cairan tubuh terhadap kemampuan mahasiswa dalam mengukur *balance* cairan di Prodi S1 Keperawatan. Penelitian ini merupakan penelitian kuantitatif dengan desain *quasy experimen* dengan rancangan *pre test and post test with control design*. Populasi pada penelitian ini adalah mahasiswa S1 Keperawatan tingkat 2,3 dan 4. Dengan sampel berjumlah 252 orang yang diambil dengan teknik *Simple Random Sampling*. Instrumen penelitian ini adalah kuesioner kemampuan mengukur *balance* cairan. Analisis statistik yang digunakan adalah analisis univariat dan bivariat dengan uji alternatif *Wilcoxon signed rank* dan (*mann whitney*). Hasil penelitian menunjukkan pada kelompok intervensi dan kelompok kontrol didapatkan nilai *P value* $0,001 < 0,05$ yang berarti ada perbedaan antara kelompok intervensi dan kelompok kontrol. Berdasarkan hasil penelitian ini diharapkan penelitian selanjutnya melakukan penelitian dengan desain kualitatif dengan metode fgd (*Focus Group Discussion*) tentang *balance* cairan dan mengganti responden penelitian.

Kata kunci : Video Animasi, Edukasi, Balance Cairan
Daftar Pustaka : 55 Referensi (2019-2024)

**NURSING PROGRAM STUDY
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The Influence of Education on Body Fluid Requirements on the Ability to Measure Fluid Balance in Ikes PN Undergraduate Nursing Study Program Students

xiv + 45 pages + 11 tables + 4 schemes + 14 appendixes

ABSTRACT

Body fluid balance plays an important role in maintaining optimal body function, especially in nursing practice. However, nursing students still experience difficulties in calculating fluid balance. Education based on animated video media can be an effective strategy to improve students' ability to measure fluid balance. This study aims to determine the effect of education about body fluid needs on students' ability to measure fluid balance in the Undergraduate Nursing Study Program. This research is a quantitative research with a quasi-experimental design with a pre-test and post-test with control design. The population in this study were undergraduate nursing students at levels 2, 3 and 4. The sample was 252 people taken using the Simple Random Sampling technique. The instrument of this research is a questionnaire on the ability to measure fluid balance. The statistical analysis used was univariate and bivariate analysis with the alternative Wilcoxon signed rank and (Mann Whitney) tests. The results of the study showed that in the intervention group and control group, the P value was $0.001 < 0.05$, which means there was a difference between the intervention group and the control group. Based on the results of this research, it is hoped that future research will conduct research with a qualitative design using the FGD (Focus Group Discussion) method regarding fluid balance and replacing research respondents.

Keywords : Animation Video, Education, Fluid Balance
References : 55 References (2019-2024)