

ABSTRACT

ANALYSIS RELATIONSHIP OF APACHE II SCORE WITH INCREASE IN ALBUMIN LEVELS PATIENT IN THE *INTENSIVE CARE UNIT (ICU)* RSUD DR. H. ABDUL MOELOEK LAMPUNG PROVINCE

By

ASYIFA ADINDA PUTRI

Background: *Acute Physiology and Chronic Health Evaluation (APACHE) II* is one of the assessment methods commonly used to measure the severity of disease in patients. The aim of this study to determine the analysis of the relationship between the APACHE II Score and the increase in albumin levels when using albumin infusion patient in the *Intensive Care Unit (ICU)* RSUD Dr. H. Abdul Moeloek Lampung Province.

Method: The study used a descriptive-analytic design with a cohort-prospective approach and obtained a sample of 32 patients who received albumin infusion treatment. Assessment of patient severity was carried out using the *APACHE II Score* and statistical tests were carried out using the *Spearman rho test* to determine the correlation.

Result: The results of *APACHE II Score* calculations showed that 3 patients were mild, 23 patients were moderate and 6 patients were severe. The results of the analysis showed that there was no relationship between the *APACHE II Score* and the increase in albumin levels with a p-value of 0.540

Conclusion: Based on research, there is no relationship between the APACHE II Score and an increase in albumin levels in patients in the ICU at Dr. RSUD. H. Abdul Moeloek Lampung Province Period February 2024 to May 2024

Keywords : *APACHE II Score*, Albumin Levels, Albumin Infusion, ICU

ABSTRAK

ANALISIS HUBUNGAN *APACHE II SCORE* DENGAN KENAIKAN TINGKAT KADAR ALBUMIN DALAM PENGGUNAAN INFUS ALBUMIN PADA PASIEN DI RUANG *INTENSIVE CARE UNIT (ICU)* RSUD DR. H. ABDUL MOELOEK PROVINSI LAMPUNG

Oleh

ASYIFA ADINDA PUTRI

Latar Belakang: *Acute Physiology and Chronic Health Evaluation (APACHE) II* merupakan salah satu metode penilaian yang umum digunakan untuk mengukur tingkat keparahan penyakit pada pasien. Tujuan dari penelitian ini untuk mengetahui analisis hubungan *APACHE II Score* dengan kenaikan tingkat kadar albumin dalam penggunaan infus albumin pasien di ruang ICU RSUD Dr. H. Abdul Moeloek Provinsi Lampung.

Metode: Penelitian menggunakan desain deskriptif-analitik dengan *pendekatan cohort-prospektif* dan didapatkan sampel sebanyak 32 pasien yang menerima perawatan infus albumin. Penilaian tingkat keparahan pasien dilakukan dengan menggunakan *APACHE II Score* dan dilakukan uji statistik menggunakan *uji speaman rho* untuk mengetahui korelasi.

Hasil: Hasil dari perhitungan *APACHE II Score* didapatkan *mild* 3 pasien, *moderate* 23 pasien dan *severe* 6 pasien. Hasil analisis menunjukkan tidak terdapat hubungan *APACHE II Score* dengan kenaikan tingkat kadar albumin dengan *p-value* 0.540

Kesimpulan: Berdasarkan penelitian tidak terdapat hubungan *APACHE II Score* dengan kenaikan tingkat kadar albumin pada pasien di ruang ICU RSUD Dr. H. Abdul Moeloek Provinsi Lampung Periode Februari 2024 hingga May 2024

Kata Kunci : *APACHE II Score*, Kadar Albumin, Infus Albumin, ICU