

**THE RELATIONSHIP OF PHYSICAL STATUS (ASA) WITH THE
DURATION OF ANESTHESIA IN PATIENTS WITH GENERAL
ANESTHESIA IN CENTRAL SURGICAL INSTALLATION
IN RSUD WATES**

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ABSTRACT

Background : Basically, each patient must be assessed their physical status, showing whether the condition of his body is normal or has a disorder that requires special attention. Physical status is stated in the ASA (American Society of Anesthesiologist status assessment of physical status (ASA) pre-anesthesia is very important to do, to prevent risk factors for complications that can be life-threatening.

Purpose : To determine the relationship between physical status (ASA) and duration of anesthesia and to know the relationship between physical status (ASA) and duration of anesthesia.

Research Methods : A cross-sectional analytic design observational study. The study was conducted on 10 February – 8 March 2020. The number of samples was 52 respondents who underwent general anesthesia. Analysis of chi square data and contingency coefficient test, and simple logistic regression test.

Results : Chi square test results of the relationship of physical status (ASA) with duration of anesthesia $p = 0.000$ means that there is a relationship of fission status (ASA) with duration of anesthesia. The results of the contingency coefficient test show the results of $C = 0.448$ which means that the relationship between physical status (ASA) and anesthesia has a moderate closeness of relationship = 0.448 (0.40 - 0.599). Regression test results showed physical status (ASA) had a significant relationship with duration of anesthesia with p value = 0,000 and OR value = 11,815.

Conclusion : There is a relationship between physical status (ASA) and duration of anesthesia

Keywords : general anesthesia, duration of anesthesia, physical status (ASA)

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HUBUNGAN STATUS FISIK (ASA) DENGAN LAMA ANESTESI PADA PASIEN DENGAN GENERAL ANESTESI DI INSTALASI BEDAH SENTRAL RSUD WATES

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ABSTRAK

Latar Belakang : Pada dasarnya setiap pasien harus dinilai status fisiknya, menunjukkan apakah kondisi tubuhnya normal atau mempunyai kelainan yang memerlukan perhatian khusus. Status fisik dinyatakan dalam status ASA (American Society of Anesthesiologist Penilaian status fisik (ASA) pra anestesi sangat penting untuk dilakukan, untuk mencegah faktor resiko komplikasi yang dapat mengancam jiwa.

Tujuan Penelitian : Untuk mengetahui hubungan status fisik (ASA) dengan lama anestesi dan mengetahui keeratan hubungan status fisik (ASA) dengan lama anestesi.

Metode Penelitian : Penelitian observasional analitik desain *cross sectional*. Penelitian dilaksanakan bulan 10 Februari – 8 Maret 2020. Jumlah sampel 52 responden yang dilakukan anestesi umum. Analisis data dengan uji *chi square*, uji *contingency coefficient* dan uji regresi logistik sederhana.

Hasil Penelitian : Hasil uji *chi square* hubungan status fisik (ASA) dengan lama anestesi $p = 0,000$ artinya ada hubungan status fisik (ASA) dengan lama anestesi. Hasil uji *contingency coefficient* menunjukkan hasil $C = 0,448$ yang artinya hubungan status fisik (ASA) dengan lama anestesi memiliki keeratan hubungan sedang = 0,448 (0,40 – 0,599). Hasil uji regresi menunjukkan status fisik (ASA) memiliki hubungan bermakna dengan lama anestesi dengan $p \text{ value} = 0,000 (< 0,05)$ dan nilai OR 11,815.

Kesimpulan : Ada hubungan status fisik (ASA) dengan lama anestesi

Kata Kunci : *general anestesi*, lama anestesi, status fisik (ASA)

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