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HUBUNGAN USIA DAN INDEKS MASSA TUBUH DENGAN KEJADIAN HIPOTENSI *POST* ANESTESI SPINAL PADA PASIEN *SECTIO CAESAREA* DI RSIA ANUGERAH MEDICAL CENTER KOTA METRO TAHUN 2023

ixvii + 57 halaman, 13 tabel, dan 2 gambar

ABSTRAK

Sebelum memulai operasi *sectio caesarea* prosedur yang perlu dilakukan untuk memblokir respon nyeri ketika operasi sedang berlangsung salah satunya yaitu tindakan anestesi. Meskipun anestesi spinal tergolong aman dilakukan, efek samping akibat prosedur ini bisa saja terjadi. Anestesi spinal bisa menyebabkan vasodilatasi perifer dan penurunan tekanan darah (hipotensi). Tujuan penelitian ini adalah mengetahui hubungan usia dan indeks massa tubuh (IMT) dengan kejadian hipotensi *post* anestesi spinal pada pasien *sectio caesarea* di RSIA Anugerah Medical Center kota Metro tahun 2023. Penelitian ini adalah penelitian kuantitatif menggunakan desain penelitian *cross sectional*. Jumlah sampel dalam penelitian ini sebanyak 86 responden yang diambil menggunakan teknik *purposive sampling*. Penelitian dilaksanakan pada 01 Maret – 30 April 2023 di RSIA Anugerah Medical Center kota Metro. Analisis data dilakukan secara univariat dan bivariat menggunakan uji chi square. Hasil penelitian menunjukkan adanya hubungan Indeks Massa Tubuh dengan kejadian hipotensi *post* anestesi spinal pada pasien *sectio caesarea* dengan nilai $p\text{-value} = 0,000 < \alpha (0.05)$. Sedangkan variabel usia menunjukkan tidak adanya hubungan dengan kejadian hipotensi *post* anestesi spinal pada pasien *sectio caesarea* dengan nilai $p\text{-value} = 0,269 > \alpha (0.05)$. Sehingga dapat disimpulkan tidak ada hubungan antara usia ibu terhadap kejadian hipotensi *post* anestesi spinal pada pasien *sectio caesarea*, sedangkan variabel indeks massa tubuh menunjukkan ada hubungan terhadap kejadian hipotensi *post* anestesi spinal pada pasien *sectio caesarea* di di RSIA Anugerah Medical Center kota Metro. Sehingga disarankan bagi peneliti berikutnya untuk melakukan penelitian dengan variabel yang berbeda seperti, kecemasan, jenis obat anestesi, komplikasi kehamilan dan persalinan.

Kata Kunci: Hipotensi *Post* Anestesi Spinal, Usia, Indeks Massa Tubuh

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THE RELATIONSHIP BETWEEN AGE AND BODY MASS INDEX AND POST SPINAL ANESTHESIA HYPOTENSION IN SECTIO CAESAREA PATIENTS AT RSIA ANUGERAH MEDICAL CENTER, METRO CITY, 2023

xvii + 57 pages, 13 tables and 2 figures

ABSTRACT

Before starting the sectio caesarea operation, the procedure that needs to be done to block the pain response when the operation is in progress, one of which is anesthesia. Although spinal anesthesia is classified as safe, side effects from this procedure can occur. Spinal anesthesia can cause peripheral vasodilatation and a drop in blood pressure (hypotension). The purpose of this study was to determine the relationship between age and body mass index (BMI) with the incidence of post-spinal anesthesia hypotension in sectio caesarea patients at RSIA Anugerah Medical Center, Metro City in 2023. This research was a quantitative study using a cross-sectional study design. The number of samples in this study were 86 respondents who were taken using a purposive sampling technique. The research was conducted on March 1 – April 30 2023 at RSIA Anugerah Medical Center in Metro City. Data analysis was performed univariately and bivariately using chi square test. The results showed that there was a relationship between Body Mass Index and the incidence of post-spinal anesthesia hypotension in sectio caesarea patients with a $p\text{-value} = 0,000 < \alpha (0.05)$. Meanwhile, the age variable showed no association with the incidence of post-spinal anesthesia hypotension in sectio caesarea patients with a $p\text{-value} = 0,269 > \alpha (0.05)$. So that it can be concluded that there is no relationship between maternal age and the incidence of hypotension after spinal anesthesia in sectio caesarea patients, while the body mass index variable shows that there is a relationship with the incidence of hypotension after spinal anesthesia in sectio caesarea patients at RSIA Anugerah Medical Center in Metro City. So it is suggested for the next researcher to conduct research with different variables such as anxiety, types of anesthetic drugs, complications of pregnancy and childbirth.

Keywords: Hypotension Post Spinal Anesthesia, Age, Body Mass Index