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## GAMBARAN PEMERIKSAAN *MEAN ARTERIAL PRESSURE* (MAP) DAN *BODY MASS INDEKS* (BMI) PADA IBU HAMIL YANG MELAKUKAN KUNJUNGAN ANC DI PRAKTIK MANDIRI BIDAN MUZAYARAH BALIKPAPAN

### ABSTRAK

**Latar Belakang**: *Mean arterial pressure* (MAP) dan *body mass indeks* (BMI) merupakan skrining sederhana untuk deteksi dini preeklampsia selama trimester pertama dan kedua. Skrining MAP dan BMI untuk deteksi dini preeklampsia sudah diterapkan di Indonesia. Studi pendahuluan yang dilakukan di PMB Muzayarah pada bulan November 2023 berdasarkan laporan diketahui dari 20 ibu hamil yang ANC nilai MAP > 90 mg sebanyak 5 orang (25%) dan 7 orang (35%) memiliki BMI tinggi.

**Metode**: Jenis penelitian kuantitatif deskriptif. Populasi penelitian adalah seluruh ibu hamil trimester II yang melakukan ANC bulan Oktober-Desember tahun 2023. Teknik pengambilan sampel menggunakan *total sampling* sebanyak 40 orang. Pengumpulan data menggunakan master data. Analisis data univariat menggunakan uji distribusi frekuensi persentase.

**Hasil**: Frekuensi hasil pemeriksaan MAP pada ibu hamil dari 40 yang positif sebanyak 26 orang (65%) dan negatif sebanyak 14 orang (35%). Hasil pengukuran BMI diketahui 26 orang (65,0%) memiliki BMI normal, 10 orang (25,0%) dengan BMI tinggi, 4 orang (10,3%) dengan obesitas.

**Simpulan**: Berdasarkan hasil penelitian pemeriksaan MAP dan pengukuran BMI sebagai pemeriksaan deteksi dini preeklamsia yang dapat dilakukan Bidan di PMB dalam pelayanan ANC.

**Kata Kunci**: *mean arterial pressure, body mass indeks.*

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**DESCRIPTION OF MEAN ARTERIAL PRESSURE (MAP) AND BODY MASS INDEX (BMI) EXAMINATION FOR PREGNANT WOMEN WHO MAKE AN ANC VISIT AT THE INDEPENDENT PRACTICE OF MIDWIFERY MUZAYARAH BALIKPAPAN**

## ABSTRACT

**Background**: *Mean arterial pressure (MAP) and body mass index (BMI) are simple screens for early detection of preeclampsia during the first and second trimesters. MAP and BMI screening for early detection of preeclampsia has been implemented in Indonesia. A preliminary study conducted at PMB Muzayarah in November 2023 was based on reports from 20 pregnant women whose ANC MAP value was > 90 mg, 5 people (25%) and 7 people (35%) had a high BMI.*

**Method**: *Type research quantitative descriptive. Population research is all second trimester pregnant women who undergo ANC in October-December 2023. Technique taking sample use total sampling as much 40 people. Data collection uses master data. Data analysis univariate use test distribution frequency percentage.*

**Results**: *The frequency of MAP examination results in pregnant women out of 40 was positive as many as 26 people (65%) and negative as many as 14 people (35%). The results of BMI measurements showed that 26 people (65.0%) had a normal BMI, 10 people (25.0%) had a high BMI, 4 people (10.3%) were obese .*

**Conclusion**: *Based on the research results, MAP examination and BMI measurement are early detection tests for preeclampsia that can be carried out by Midwives at PMB in ANC services.*

**Word Key**: *mean arterial pressure, body mass index.*