



UNIVERSITAS ANDALAS

**HUBUNGAN ANTARA KADAR HEMOGLOBIN, KADAR GLUKOSA
DARAH DAN STATUS GIZI IBU HAMIL DENGAN KEJADIAN BAYI
BERAT BADAN LAHIR RENDAH DI RSIA CICIK PADANG**

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FAKULTAS KESEHATAN MASYARAKAT

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xiv + 72 halaman, 22 tabel, 3 gambar, 8 lampiran

ABSTRAK

Tujuan Penelitian

Bayi dikatakan BBLR jika memiliki berat badan lahir <2500 gram. Hal ini terjadi karena adanya masalah saat masa kehamilan maupun sebelum kehamilan, yang dapat berakibat kematian pada ibu, dan bayi. Masalah dapat diketahui sedini mungkin dengan melakukan pemeriksaan Antenatal Care, seperti pemeriksaan laboratorium maupun antropometri. Penelitian ini bertujuan untuk mengetahui hubungan antara kadar hemoglobin, kadar glukosa darah dan status gizi ibu hamil dengan kejadian bayi berat badan lahir rendah di RSIA Cicik Padang tahun 2021-2022.

Metode

Penelitian ini merupakan penelitian kuantitatif dengan desain cross-sectional yang dilakukan di Instalansi Rekam Medik RSIA Cicik Padang. Populasi dalam penelitian ini adalah seluruh pasien ibu hamil yang memeriksakan kehamilannya tahun 2021-2022 dengan jumlah sampel sebanyak 103 ibu hamil. Pengambilan sampel dilakukan dengan teknik purposive sampling, yang dianalisis melalui chi square analisis univariat dan analisis bivariat.

Hasil

Hasil penelitian dari sampel yang diperoleh bahwa menunjukkan 75,7% Ibu hamil yang melahirkan bayi dengan berat badan rendah. Terdapat hubungan kadar hemoglobin ($p=0,000$), kadar glukosa darah ($p=0,024$), indeks massa tubuh ($p=0,000$), dan lingkaran lengan atas ($p=0,043$) dengan kejadian berat badan lahir rendah.

Kesimpulan

Adanya hubungan antara kadar hemoglobin, kadar glukosa darah dan status gizi ibu hamil dengan kejadian bayi berat badan lahir rendah di RSIA Cicik Padang tahun 2021-2022. Diharapkan kepada ibu hamil untuk memenuhi kebutuhan gizi yang seimbang pada saat kehamilan.

Daftar Pustaka : 51 (2009-2023)
Kata Kunci : BBLR, Ibu Hamil, IMT, Kadar Glukosa Darah, Kadar Hemoglobin, LILA, Status Gizi.

**FACULTY OF PUBLIC HEALTH
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**THE RELATIONSHIP BETWEEN HEMOGLOBIN LEVELS, BLOOD
GLUCOSE LEVELS AND NUTRITIONAL STATUS OF PREGNANT WOMEN
AND THE INCIDENT OF LOW BIRTH WEIGHT BABIES AT RSIA CICIK
PADANG IN 2021-2022**

xiv + 72 pages, 22 tables, 3 figures, 8 appendices

ABSTRACT

Research purposes

A baby is said to be LBW if it has a birth weight <2500 grams. This happens because of a timing problem during pregnancy or before pregnancy, which can result in death for the mother and baby. Problems can occur known as early as possible by carrying out Antenatal Care examinations, such as laboratory examinations and anthropometry. This study aims to determine the relationship between hemoglobin levels, levels blood glucose and nutritional status of pregnant women with the incidence of low birth weight babies at RSIA Cicik Padang 2021-2022.

Method

This research is a quantitative study with a cross-sectional design conducted at the RSIA Cicik Padang Medical Records Installation. The population in this study were all pregnant women who had their pregnancies checked in 2021-2022 with a total sample of 103 pregnant women. Sampling was carried out using a purposive sampling technique, which was analyzed through chi square univariate analysis and bivariate analysis.

Results

The research results from the samples obtained show that 75.7% of pregnant women gave birth to babies with low birth weight. There was a relationship between hemoglobin levels ($p= 0.000$), blood glucose levels ($p=0.024$), body mass index ($p=0.000$), and upper arm circumference ($p=0.043$) with the incidence of low birth weight.

Conclusion

There is a relationship between hemoglobin levels, blood glucose levels and nutritional status of pregnant women with the incidence of low birth weight babies at RSIA Cicik Padang in 2021-2022. It is hoped that pregnant women will meet their balanced nutritional needs during pregnancy.

References : **51 (2009-2023)**
Keywords : **LBW, Pregnant Women, BMI, Blood Glucose Levels, Hemoglobin Levels, LILA, Nutritional Status.**

