

ABSTRACT

STUDI PENGGUNAAN TERAPI INSULIN PASIEN DIABETES MELITUS DENGAN KEHAMILAN DAN DIABETES MELITUS GESTASIONAL DI RSU HAJI SURABAYA (Studi dilakukan di RSUD Haji Surabaya Periode Januari 2020-Oktober 2023)

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Diabetes mellitus is a chronic disease characterized by metabolic disorders that occur when the pancreas does not produce enough insulin or the body cannot use insulin effectively. Diabetes mellitus that occurs during pregnancy is also called gestational diabetes mellitus. This study aims to determine the use of insulin therapy in patients with diabetes mellitus with pregnancy and gestational diabetes mellitus who received treatment at RSUD Haji Surabaya in the period January 2020 – October 2023. The number of samples of patients diagnosed with DM with pregnancy and Gestational DM at RSUD Haji was only 13 patient. Data on sociodemographic characteristics of patients shows that 38.47% consist of age range 30 - 39 years 46.15% years, 61.53% gestational age entering the second trimester, 53.85% diagnosed with diabetes mellitus during pregnancy, 46.15% GDM patients, and history of hypertension was 30.77%, the average level of change in DM patients with pregnancy increased, namely GDP +5.714mg/dl and GD2PP +9.29 mg/dl, while the average level of DMG decreased by GDP 43 mg/dl and GD2PP 26.67 mg/dl. Providing short-acting insulin therapy (insulin aspart) and premixed insulin (insulin aspart + insulin degludec). The rules for using insulin aspart are 3 x a day, 4 units 10.52%. Meanwhile, premixed insulin has a rule of use twice a day, 6 units, 10.52%, and a rule of use twice a day, 8 units, 10.52%.)

Keywords: diabetes mellitus, pregnancy, insulin therapy