

ABSTRAK

Nama : Dea Rahma Dewi

Program Studi : Farmasi

Judul : Kajian Interaksi Obat Antidiabetik Oral Golongan Sulfonilurea Pada Pasien Diabetes Melitus Tipe II di RSUD Siti Fatimah Provinsi Sumatera Selatan.

Diabetes Melitus terjadi ketika pankreas tidak menghasilkan cukup insulin atau insulin tidak bekerja secara efektif. Adanya komplikasi serta pilihan terapi kombinasi obat antidiabetik akan menyebabkan pasien menerima beberapa jenis obat berbeda sehingga adanya kemungkinan terjadi interaksi obat. Penelitian ini bersifat deskriptif dengan pengambilan data secara retrospektif bersumber dari data rekam medis pasien. Hasil penelitian menunjukkan terdapat 64 (69,6%) pasien DM tipe II yang berpotensi mengalami interaksi obat dengan tingkat keparahan *moderate* sebanyak 115 kasus (97,2%) dan *minor* 3 kasus (3,18%). Sedangkan berdasarkan mekanisme interaksinya diperoleh hasil sebanyak 58 kasus (49,2%) yang terjadi secara farmakokinetik, 55 kasus (46,6%) secara farmakodinamik, dan 5 kasus (4,2%) dengan mekanisme tidak diketahui.

Kata Kunci:

DM Tipe II, Sulfonilurea, Interaksi Obat.

ABSTRACT

Name : Dea Rahma Dewi

Study Program: Farmasi

Title : Drug Interactions Study in Type II Diabetes Mellitus Patients treated with Sulfonylurea Oral Antidiabetic Drugs at Siti Fatimah General Hospital, South Sumatra.

Diabetes mellitus occurs when the pancreas does not produce enough insulin or insulin does not work effectively. Condition of patients with various disease complications as well as the options for combination therapy antidiabetic drugs will cause patients to receive several different types of drugs during therapy so that there would be potential drug interactions. This is a descriptive study with a retrospective collection of data from patient's medical records. The results showed that there were 64 (69.6%) DM type II patients who had the potential for drug interactions with moderate severity in 115 cases (97.2%) and 3 minor cases (3.18%). Meanwhile, based on the mechanism of interaction, the results obtained were 58 cases (49.2%) that occurred pharmacokinetically, 55 cases (46.6%) pharmacodynamically, and 5 cases (4.2%) with an unknown mechanism.

Keywords:

Type II DM, Sulphonylurea, Drug Interactions.