

**STUDI *DRUG RELATED PROBLEMS* (DRPs)
PADA PASIEN DIABETES MELLITUS DENGAN ULKUS KAKI
DI RUMAH SAKIT DELTA SURYA SIDOARJO
PERIODE JANUARI 2009 - JANUARI 2011**

Dyni Oktari Prasetya, 2011

Pembimbing : (I) Nani Parfati, (II) Amelia Lorensia

ABSTRAK

Penelitian non-eksperimental dengan rancangan analisis deskriptif yang bersifat retrospektif mengenai *drug related problems* yang terjadi pada pasien Diabetes Mellitus dengan ulkus kaki di Rumah Sakit Delta Surya Sidoarjo periode Januari 2009 – Januari 2011. Sebagai bahan penelitian digunakan data rekam medis sebanyak 26 sampel yang merupakan keseluruhan populasi. Berdasarkan hasil analisa data-data yang didapat, diperoleh hasil DRPs yaitu adanya indikasi penyakit yang tidak diobati sebanyak 45 kasus (37,61%), pemberian obat tanpa indikasi sebanyak 10 kasus (8,55%), pemberian obat tidak tepat sebanyak 28 kasus (23,93%), dosis obat terlalu rendah sebanyak 4 kasus (3,42%), dosis obat terlalu tinggi sebanyak 14 kasus (11,97%), *Adverse Drug Reaction* (ADR) sebanyak 3 kasus (2,56%), interaksi obat sebanyak 3 kasus (2,56%), dan pasien gagal menerima obat sebanyak 11 kasus (9,40%). DRPs potensial yang terjadi sebanyak 5 kasus (4,24%) dan DRP aktual sebanyak 112 kasus (95,76%). Golongan obat yang paling sering menyebabkan DRPs adalah golongan statin sebanyak 22 kasus (18,03%), *non steroidal anti inflammatory drugs* (NSAIDs) sebanyak 17 kasus (13,93%), *aspirin/clopidogrel* (antiplatelet) sebanyak 15 kasus (12,30%).

Kata kunci: Diabetes Mellitus, ulkus kaki, gangren, *drug related problems*.

**DRUGS RELATED PROBLEMS (DRPs) STUDY
IN DIABETES MELLITUS PATIENTS WITH FOOT ULCERS
AT DELTA SURYA SIDOARJO HOSPITAL
IN JANUARY 2009 TO JANUARY 2011**

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ABSTRACT

The non-experimental research design with descriptive retrospective analysis about drug-related problems in Diabetes Mellitus patients with foot ulcers at Delta Surya Sidoarjo Hospital from January 2009 to January 2011. The research materials which were collected from medical records were 26 samples from the entire population. The results showed that there were drug related problems (DRP) which occurs on the basis of medical record data on patients with foot ulcers Diabetes Mellitus, include: Problems of untreated disease indications is 45 cases (37,61%), with no indication of drug administration is 10 cases (8,55%), improper administration of drugs is 28 cases (23,93%), under dose is 4 cases (3,42%), over dose is 14 cases (11,97%), adverse drug reaction (ADR) is 3 cases (2,56%), drug interactions is 3 cases (2,56%), and the patient failed to receive the drug is 11 cases (9,40%). Potential DRPs that occurred is 5 cases (4,24%) and the actual DRP is 112 cases (95,76%). Class of drugs most often cause DRPs is a class of statins were 22 cases (18,03%), non-steroidal anti inflammatory drugs (NSAIDs) were 17 cases (13,93%), and aspirin were 15 cases (12,30%).

Key words: Diabetes Mellitus, foot ulcers, gangrene, drug related problems.