ABSTRACT

DRUG USE PROFILE OF DIABETIC PATIENTS IN PUCANG SEWU PRIMARY HEALTH CARE SURABAYA

Whanni Wido Agustin

Diabetes mellitus is a chronic metabolic disease which have glucose concentration that beyond normally. Inappropriate use of drug will get the effect such unachievable therapeutic outcome and increasing of side effect. There were an adequate serious problem that raise complication of diabetic mellitus disease.

The aim of this study was to see the drug use profile of diabetic patients in Pucang Sewu Primary Health Care. This study is conducted during the period of May 22nd to June 31st 2014 to patient of diabetic mellitus. This research is used non random sampling method. Measurement of drug use profile consists of drugs amount, drugs pharmacological group, drugs type, drugs usage, and patient compliance.

The result showed from 34 respondents have been selected following to inclusion criteria. Most patient used 4 different kinds of drugs (29.41%). The greatest number of drugs taken once in a time was 6 kind of drugs. Antihypertensive (64.71%) and both vitamin-minerals (44.11%) were the most frequent drugs prescribed for the patients beside oral anti-diabetic. Most patients (85.29%) were only given generic drugs from Pucang Sewu Primary Health Care. Most patients used glibenclamide once a day (88.89%), before the meal (88.89%), in 24-hour-interval (88.89%) and metformin twice a day (56.52%), at the same time with the meal (95.65%), in 12-hour-interval (20.59%). The percentage of the patients compliance by pill count method was 29.43%.

Pucang Sewu Primary Health Care staff should encourage to educate the patients about diabetes mellitus, give counseling about the patients’ therapies and monitor the patients’ therapies outcome.

Keywords : drug use profile, diabetic patients, Pucang Sewu Primary Health Care Surabaya