ABSTRACT

Drugs Utilization Study in Rheumatic Heart Disease Patient
(Study at Installation of Hospitalization of Cardiology and Vascular Medicine Dr. Soetomo Surabaya Teaching Hospital)

Objective: This research type is a descriptive study using patient’s medical record (retrospective) who was treated at the period 1 June 2013 to 31 December 2010.

Methods: This research type is a descriptive study using patient’s medical record (retrospective) who was treated at the period 1 June 2013 to 31 December 2010. The medical record of the 33 patients studied, furosemide is the treatment most commonly used to relieve symptoms, in addition to getting additional medication also get treatment in the form of antibiotic prophylaxis. In 15 patients, antibiotics administered at a dose of 625mg/day. 3 patients, macrolides were administered at a dose of 2.5mg/kg/day. In 7 patients, amoxicillin was administered at a dose of 3x500mg/day. 3 patients and 1g/4-8 at 1 time/day. There was an adverse effect that occurred in patients i.e. hypokalemia (7 patient) and leukopenia (1 patient) and for drug interactions which most occurred is anemia (25 patients) and furosemide interaction between furosemide and dihydroxy.

Conclusion: Drug utilization in patient who get rheumatic heart disease at Vrshosp Teaching Hospital were according to Guidelines Diagnosis and Treatment of Rheumatic Disease and American Heart Association (AHA). The findings of the study are recommended for further study in other hospitals and as a reference for the treatment of Rheumatic Heart Disease patients at Vrshosp Teaching Hospital.

Keyword: Drug Utilization Study, Rheumatic Heart Disease, Cardiology and Vascular Medicine Dr. Soetomo Surabaya Teaching Hospital.