

**ABSTRACT**

**DRUG UTILIZATION STUDY IN  
MENINGOENSEPHALITIS**

**(Study was performed at Neurology Department of Dr. Soetomo  
General Hospital Surabaya)**

This study documented antibiotics drug therapy received by ME patients at UPIPI Department of Dr. Soetomo General Hospital Surabaya in order to assess drug utilization by knowing the antibiotics drug therapy profiles, dosage regimens, route, time, and duration of drug administrations. By prospective method, medical records of 10 ME hospitalized-patients in any age admitted between September 1, 2015 and November 30, 2015 were reviewed. Patient's medical document, clinical and laboratory data, drug utilization, disease progressivity, and therapy outcome were documented. The results were compared with literature. Antibiotics therapy which is commonly used in ME patients with infections is ceftriaxone through IV at a dose of 2x2 g (100%). The most common type of coinfection were TB and pneumonia respectively by 5 patients (50%). Antibiotics therapy which is commonly used in ME patients with infections is ceftriaxone through IV at a dose of 2x2 g (100%). From 10 patients were diagnosis bacterial meningitis, 7 of them were died because of sepsis syock.

**KEYWORDS:** antibiotics therapy, drug utilization study, MeningoEncephalitis (ME), nosocomial infections