

## ABSTRACT

### **Identification of Drug Therapy Problems on Tuberculosis Patients at East Perak Timur Health centers Surabaya**

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Drug therapy problems (DTPs) potentially occurred on treatment of tuberculosis because it is a long-term therapy, high-cost and side effects. The aim of this study was to investigate profile of DTPs on tuberculosis patients at East Perak Timur Health Centers In Surabaya, Indonesia.

The study was a cross sectional study. Data was obtained by interviewing tuberculosis patients and caregiver who take tuberculosis drug at East Perak Health Centers Surabaya in April 2014. Researcher identified DTPs of each patient used a DTP registration form and sheet data collectors. Result showed that DTPs was identified in 44 patient, there were found that 19 (43,2%) tuberculosis patient with one DTPs category, 12 (27,3%) tuberculosis patients did not experienced any DTPs category, 11 (25,0%) tuberculosis patients with two DTPs category and 2 (4,5%) tuberculosis patients with three DTPs category. The DTPs category found in tuberculosis patients adverse drug reactions 19 actual (24,7%) and 58 potential (75,3%). There were 19 actual (100%) non-compliance found in tuberculosis patients, furthermore 4 actual (100%) dosis too low and 4 actual (100%) unnecessary drug therapy.

In conclusion, DTPs in tuberculosis patients at East Perak Timur Health Centers Surabaya have a high incident. Pharmacists have responsibility to resolve actual DTPs and prevent potential DTPs.

Key words: drug therapy problems, tuberculosis, health centers