**ADVERSE EVENTS OF MULTIDRUG RESISTANT TUBERCULOSIS (MDR-TB) DRUGS IN DR. MOEWARDI GENERAL HOSPITAL SURAKARTA 2014-2015**

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**Abstract**

**Background:**

Multidrug Resistant Tuberculosis (MDR-TB) is one of the TB bacterial resistance which becoming a new challenge in TB control programs due to high rate of treatment failure and death. Hospitalization can be done at the beginning of treatment or in certain condition such as adverse events or deterioration of clinical symptoms.

**Method:**

This study was a cohort study conducted in PMDT clinic in Dr. Moewardi General Hospital Surakarta between October 2014 to November 2015.

**Result:**

The number of confirmed MDR-TB patients with Xpert MTB / RIF were 93 patients consisted of 53 men and 40 women, age > 40 y.o was more frequent than the age of 20-40 y.o. The common adverse event were arthralgia that occured in 59 (63.4%) patients, and hyperuricemia in 58 (62%) of patients. Psychiatric disorder was a rare adverse event (1.1%).

**Conclusion:**

The major adverse events in MDR-TB cases are arthralgia.

**Keyword** : MDR-TB, adverse event, arthralgia, hyperuricemia