

## ABSTRACT

### **Levofloxacin Use Evaluation in Hospitalize Patient at Dr. Ramelan Naval Hospital Surabaya**

Levofloxacin is one of the most antimicrobial agents frequently prescribed by doctor. It is used to treat many kinds of disease because it has broad spectrum activities, good bioavailability and well-tolerated side effects. The purpose of this study was to evaluate levofloxacin uses based on rational criteria of drug use (awareness of side effect, appropriate patient, indication, drug, and dose regimentation). The medical record of patients who received levofloxacin when hospitalized from January to Maret 2010 was used as the data of retrospective observation. 75 patients were included in this study consisted of 57,33% male and 42,67% female. Levofloxacin was used to treat pneumoniae (14,67%), infection in patient DHF/ susp. DHF (13,33%), COPD (10,67%) and many other diagnosis. It was used as monotherapy and combined with other antibiotics. Only 26,76 % patients whom received levofloxacin use this agent rationally.

Keyword: Drug Use Evaluation, Levofloxacin

