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## ABSTRACT

**Title of Abstract** : Management of Rational Drug Prescription at Lempake Community Health Centre, samarinda city  
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**Background** : Irrational use of drugs is still an important problem in pharmaceutical services in primary health facilities.

**Objective** : The aim of this study was to describe the management of drug prescriptions in cases of non-pneumonia Acute Respiratory Tract Infections (ARI) and non-specific diarrhea at the Lempake Community Health Center, Samarinda City, during the period January–September 2025

**Research Methods/ Implementation Methods** : This study used a quantitative descriptive method with a retrospective approach. Secondary data were collected from patient prescription sheets and medical records at the Lempake Community Health Center, Samarinda City, during January–September 2025. Analysis was conducted on the frequency and percentage of antibiotic use in cases of non-pneumonia ARI and non-specific diarrhea

**Results** : The results showed that irrational prescribing was most common between January and April 2025, particularly in the administration of antibiotics for inappropriate indications. Following a quality audit conducted by pharmacists on prescribing physicians, there was an increase in prescribing rationality between May and September 2025.

**Conclusion/Lesson Learned** : Prescribing quality audits have proven effective in improving the rationality of drug use in community health centers. Continuous evaluation is necessary to ensure the quality of pharmaceutical services, prevent antibiotic resistance, and improve therapeutic effectiveness

**Keyword** : rational drug use; quality audit; Community Health Center; non pneumonia ARI; non-specific diarrhea