

ABSTRACT
(*LITERATURE REVIEW*)

**PROFILE OF USE ANTIBIOTIC DRUG IN ACUTE RESPIRATORY TRACT
INFECTIONS IN ADULTS**

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Acute respiratory infection is an inflammatory process caused by virus, bacterial, antipyretic (microplasma), or aspiration of foreign substances involving one or all parts of the respiratory tract. Based on the discussion of the results of each research journal conducted, it was found that most of the patients were in the age range of 36-70 years. And most patients with acute respiratory tract infections get treatment with pharmacological therapy using antibiotics. Classes of antibiotics in acute respiratory infections include the penicillin group, the cephalosporin group, the macrolide group, the quinolone group, the sulfanamide group, and the chloramphenicol group. Antibiotics that are often used are the Penicillin group, namely Amoxicillin with a recommendation to drink 3 times a day 1 tablet at a dose of 500 mg.

Keyword : Acute respiratory infection, class of antibiotics, adult patient