

COVID-19 Acute Respiratory Tract Infection (Adults) : Antibiotic Treatment Table

No purulent sputum and no evidence of bacterial superinfection:

Do not prescribe antibiotics for treatment or prophylaxis

Purulent sputum OR suspicion of bacterial superinfection, especially in those with underlying chronic lung disease where patient has history of secondary bacterial infection in winter months:

Drug	Dose	Duration	Notes
First line: Doxycycline	200mg every 24 hours*	5 days	Avoid in pregnancy. Advise to take with a glass of water and sit upright for 30 minutes after taking. Can take with food or milk if gastritis is an issue. Absorption of doxycycline significantly impaired by antacids, iron/calcium/magnesium/zinc-containing products.
Alternative: Amoxicillin	500mg every 8 hours	5 days	Avoid in penicillin allergy. Seek specialist/microbiologist advice in case of penicillin allergy in pregnant patients.