

## Acute Exacerbation of COPD

Treatment First Line	Dose	TX Duration
<b>Amoxicillin*</b>	500mg TDS 750mg-1g TDS (H. influenzae)	5 days
<b>OR Doxycycline</b> ( <i>First choice in penicillin allergy</i> )	200mg first dose STAT/100mg OD	5 days
<b>OR Clarithromycin</b> ( <i>Second line in penicillin allergy</i> )	500mg BD	5 days
<b>Second choice or high risk treatment failure</b>		
<b>Consider hospital admission</b>		
<b>Check for consultant guidance from previous consultation /admission</b>		
<b>Co-amoxiclav</b>	625mg TDS  875/125mg TDS (for severe COPD)	5 days  5 days
<b>Or Levofloxacin</b>	500 mg BD	5 days

\*H. influenzae:

EUCAST recommends that infections due to H. influenzae are treated with higher doses of amoxicillin than the standard doses normally used. The dose of oral amoxicillin recommended is 750mg – 1000mg amoxicillin 8 hourly. The recommended dose IV is 1g 6-8 hourly