

Acute Exacerbation of Chronic Bronchitis (AECB)

Antibiotic therapy is only recommended if two or more are present:

- ↑ sputum volume
- ↑ sputum purulence
- ↑ dyspnea.

Approximately 50% of acute exacerbations of chronic bronchitis are caused by viruses.

Simple AECB (<4 exacerbations/year), choose ONE of:

Drug	Dose	Route	Duration
Amoxicillin	500-1000 mg TID	PO	5 days
Doxycycline	200 mg x 1, then 100 mg BID	PO	5 days
Cotrimoxazole	1 DS tab BID	PO	5 days
Azithromycin	500 mg daily	PO	3 days
Clarithromycin	500 mg BID or XL 1 g daily	PO	5 days

Complicated AECB (\geq 4 exacerbations/year), choose ONE of:

Drug	Dose	Route	Duration
Amoxicillin-clavulanate	875-125 mg BID	PO	5 days
Cefuroxime	500 mg TID	PO	5 days

If severe beta-lactam allergy

Drug	Dose	Route	Duration
Moxifloxacin	400 mg daily	PO	5 days

