Amoxicillin is an extended-spectrum beta-lactam antibiotic.

**General description**

**INN** | Amoxicillin
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**ATC codes** | J01CA04
**Medicine type** | Chemical agent
**Antibiotic groups** | ACCESS

**EML status history**
- First added in 1989 ([TRS 796](https://evidence.f nh.org/medicines/796)) for *Bacterial infection of unspecified site*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Acute otitis media*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Acute pharyngitis*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Infectious cystitis*
- Removed in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Bacterial infection of unspecified site*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Bacterial meningitis*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Acute malnutrition in infants, children or adolescents*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Chronic obstructive pulmonary disease with acute exacerbation*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Acute sinusitis*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Sepsis without septic shock*
- Added in 2017 ([TRS 1006](https://evidence.f nh.org/medicines/1006)) for *Bacterial pneumonia*
- Added in 2019 ([TRS 1021](https://evidence.f nh.org/medicines/1021)) for *Periapical abscess without sinus*
- Removed in 2021 ([TRS 1035](https://evidence.f nh.org/medicines/1035)) for *Infectious cystitis*
Access group antibiotics

Oral > Liquid: 125 mg per 5 mL (anhydrous) powder for oral liquid; 250 mg per 5 mL (anhydrous) powder for oral liquid
Oral > Solid > dosage form: 250 mg (as trihydrate); 500 mg (as trihydrate)
Oral > Liquid: 125 mg per 5 mL (as trihydrate) powder for oral liquid; 250 mg per 5 mL (as trihydrate) powder for oral liquid
Parenteral > General injections > unspecified: 250 mg in vial (as sodium) powder for injection; 500 mg in vial (as sodium) powder for injection; 1 g in vial (as sodium) powder for injection
Oral > Solid > dispersible tablet: 250 mg (scored) (as trihydrate); 500 mg (scored) (as trihydrate)
Oral > Solid > dosage form: 250 mg (as trihydrate); 500 mg (as trihydrate); 1 g (as trihydrate)

Indications

First choice

- Acute sinusitis
- Bacterial pneumonia (Community-acquired pneumonia - mild to moderate)
- Periapical abscess without sinus
- Acute otitis media
- Chronic obstructive pulmonary disease with acute exacerbation
- Acute pharyngitis
- Acute malnutrition in infants, children or adolescents (complicated) [children]
- Acute malnutrition in infants, children or adolescents (uncomplicated) [children]

co-prescribed with gentamicin

- Sepsis without septic shock
- Bacterial pneumonia (Community-acquired pneumonia - severe) [children]

Second choice

- Bacterial meningitis

Other indications

- Bacterial infection of unspecified site
- Infectious cystitis