Amoxicillin

Essential medicine status

General description

Amoxicillin is an extended-spectrum beta-lactam antibiotic.

INN	Amoxicillin
ATC codes	J01CA04
Medicine type	Chemical agent
Antibiotic groups	A ACCESS
EML status history	First added in 1989 (TRS 796) for Bacterial infection of unspecified site Added in 2017 (TRS 1006) for Acute otitis media Added in 2017 (TRS 1006) for Acute pharyngitis Added in 2017 (TRS 1006) for Infectious cystitis Removed in 2017 (TRS 1006) for Bacterial infection of unspecified site Added in 2017 (TRS 1006) for Bacterial meningitis Added in 2017 (TRS 1006) for Acute malnutrition in infants, children or adolescents Added in 2017 (TRS 1006) for Chronic obstructive pulmonary disease with acute exacerbation Added in 2017 (TRS 1006) for Acute sinusitis Added in 2017 (TRS 1006) for Bacterial pneumonia Added in 2019 (TRS 1021) for Periapical abscess without sinus Removed in 2021 (TRS 1035) for Infectious cystitis Added in 2023 (TRS 1049) for Sepsis without septic shock Added in 2025 (TRS 1064) for Bacterial meningitis
Wikipedia	Amoxicillin
DrugBank	Amoxicillin

Recommendations

- Oral > Liquid: 125 mg per 5 mL (anhydrous) powder for oral liquid; 250 mg per 5 mL (anhydrous) powder for ora 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 (a 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 otitis media

Acute pharyngitis

Acute malnutrition in infants, children or adolescents (uncomplicated) [children]

Acute malnutrition in infants, children or adolescents (complicated) [children]

Chronic obstructive pulmonary disease with acute exacerbation

Acute sinusitis

Bacterial pneumonia (Community-acquired pneumonia - mild to moderate)

Bacterial pneumonia (Community-acquired pneumonia - severe) [children]

Periapical abscess without sinus

Second choice

Bacterial meningitis

Other indications

Bacterial infection of unspecified site

Infectious cystitis

- 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 (a 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)

Indications

Second choice

Bacterial meningitis