Doxycycline

Essential medicine status

General description

INN	Doxycycline
ATC codes	J01AA02
Medicine type	Chemical agent
Antibiotic groups	A ACCESS
EML status history	First added in 1977 (TRS 615) for Bacterial infection of unspecified site Added in 1995 (TRS 867) for Malaria due to Plasmodium falciparum Added in 1999 (TRS 895) for Malaria due to Plasmodium falciparum Added in 2017 (TRS 1006) for Chronic obstructive pulmonary disease with acute exacerbation Added in 2017 (TRS 1006) for Cholera Added in 2017 (TRS 1006) for Bacterial pneumonia Added in 2017 (TRS 1006) for Chlamydia trachomatis Removed in 2017 (TRS 1006) for Bacterial infection of unspecified site Removed in 2025 (TRS 1064) for Malaria due to Plasmodium falciparum Added in 2025 (TRS 1064) for Malaria due to Plasmodium falciparum Removed in 2025 (TRS 1064) for Malaria due to Plasmodium falciparum
Wikipedia	Doxycycline
DrugBank	Doxycycline

Recommendations

Section Access group antibiotics

- Oral > Liquid: 25 mg per 5 mL powder for oral liquid (monohydrate); 50 mg per 5 mL (calcium)
- Parenteral > General injections > unspecified: 100 mg in vial powder for injection
- Oral > Solid > dispersible tablet: 100 mg (as monohydrate)
- Oral > Solid > dosage form: 50 mg (as hyclate); 100 mg (as hyclate)
- Oral > Liquid: 25 mg per 5 mL (anhydrous); 50 mg per 5 mL (anhydrous)
- Oral > Solid: 100 mg (as hyclate); 50 mg (as hyclate)
- Oral > Solid > dosage form: 100 mg (as hyclate)

Indications

First choice

Cholera | Chlamydia trachomatis

Second choice

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

Chronic obstructive pulmonary disease with acute exacerbation | Cholera [children]

Other indications

Bacterial infection of unspecified site

Section Antimalarial medicines > Medicines for curative treatment

- Oral > Solid: 100 mg (hydrochloride or hyclate); 100 mg dispersible tablet (as monohydrate)

Indications

Malaria due to Plasmodium falciparum

Section Antimalarial medicines > Medicines for chemoprevention

- Oral > Solid: 100 mg (hydrochloride or hyclate)

Indications

Malaria due to Plasmodium falciparum

- Oral > Liquid: 50 mg per 5 mL (calcium); 25 mg per 5 mL (monohydrate) powder for oral liquid
- Oral > Solid > dispersible tablet: 100 mg (as monohydrate)
- Oral > Solid > dosage form: 50 mg (as hyclate); 100 mg (as hyclate)

Indications

Malaria due to Plasmodium falciparum