Ciprofloxacin

Section: 6. Anti-infective medicines > 6.2. Antibacterials > 6.2.2. Watch group antibiotics

EMLc ATC codes: J01MA02

Indication	Acute pyelonephritis ICD11 code: GB51
INN	Ciprofloxacin
Medicine type	Chemical agent
Antibiotic groups	WATCH
List type	Core
Formulations	**Parenteral > General injections > IV:** 2 mg per mL (as hyclate) (EMLc) **Oral > Liquid:** 250 mg per 5 mL (anhydrous) (EMLc) **Oral > Solid > dosage form:** 250 mg (as hydrochloride) ; 500 mg (as hydrochloride) (EML) ; 100 mg (as hydrochloride) (EMLc)
EML status history	First added in 2017 (TRS 1006) Changed in 2021 (TRS 1035) Changed in 2023 (TRS 1049)
Sex	All
Age	Also recommended for children
Therapeutic alternatives	The recommendation is for this specific medicine
Patent information	Patents have expired in most jurisdictions Read more about patents.
Wikipedia	Ciprofloxacin
DrugBank	Ciprofloxacin

Expert Committee recommendation

In consideration of the review of the age appropriateness of formulations of medicines on the EMLc, and the comparison report of the EML versus EMLc, the Expert Committee recommended changes to the EMLc for addition of new, age-appropriate formulations and strengths of existing essential medicines, deletion of unavailable or age-inappropriate formulations and strengths, and other listing modifications as proposed in the application. The Committee also endorsed the proposals for further review of the public health relevance and evidence for specific medicines for use in children for potential future consideration for inclusion on the EMLc. The Committee noted and welcomed the ongoing review being coordinated by the Secretariat for the remaining sections of the EMLc for consideration by the 2025 Expert Committee. As a result of the review of the age-appropriateness of formulations on the EMLc, the Expert Committee recommended: - the addition of a new strength formulation of amikacin (injection 50 mg/mL (as sulfate) in 2 mL vial) to the EMLc. - the addition of new strength formulations of cefotaxime (powder for injection: 500 mg; 1 g; 2 g (as sodium) in vial) to the EML and EMLc. - the addition of a new strength formulation of ceftriaxone (powder for injection: 500 mg (as sodium) in vial) to the EML and EMLc. - the addition of a new strength formulation of ciprofloxacin (solid oral dosage form 100 mg (as hydrochloride)) to the EMLc.

EML recommendations: Acute pyelonephritis

First choice	Second choice
MILD TO MODERATE	
ciprofloxacin	cefotaxime
	ceftriaxone
SEVERE	
cefotaxime	
ceftriaxone	

