Piperacillin + tazobactam

Essential medicine status ✓

EMLc | ATC codes: J01CR05

Indication	Necrotising fasciitis ICD11 code: 1B71.Z
INN	Piperacillin + tazobactam
Medicine type	Chemical agent
Antibiotic groups	W WATCH
List type	Core
Formulations	**Parenteral > General injections > IV:** 2 g (as sodium salt) + 250 mg (as sodium salt) powder for injection ; 4 g (as sodium salt) + 500 mg (as sodium salt) powder for injection
EML status history	First added 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	Piperacillin + tazobactam
DrugBank	Piperacillin, Tazobactam

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: - replacing the oral liquid formulation of clindamycin (oral liquid 75 mg/5 mL) with powder for oral liquid 75 mg/5 mL (as palmitate hydrochloride) on 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 range of strengths of metronidazole tablets be replaced with reference to specific strengths on the EML and EMLc. - the addition of new strength formulations of IV vancomycin (500 mg, 1 g (as hydrochloride) on the EMLc.

EML recommendations: Necrotising fasciitis

First choice	Second choice

clindamycin

vancomycin

metronidazole