### Indication
- **Sepsis without septic shock**

### INN
- Amikacin

### Medicine type
- Chemical agent

### Antibiotic groups
- ACCESS

### List type
- Core

### Formulations
- Parenteral > General injections > unspecified: 250 mg per mL in 2 mL vial (as sulfate) (EMLc)

### EML status history
- First added in 2017 (TRS 1006)
- Changed in 2021 (TRS 1035)
- Changed in 2023 (TRS 1049)

### Sex
- All

### Age
- Children (1 month - 12 years)

### Therapeutic alternatives
- The recommendation is for this specific medicine

### Patent information
- Patents have expired in most jurisdictions

#### Wikipedia
- Amikacin

#### DrugBank
- Amikacin

### Expert Committee recommendation

Following 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 formulations of amoxicillin (dispersible, scored tablet, 250 mg and 500 mg) 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 new strength formulations of cloxacillin (capsule 250 mg, powder for injection 250 mg (as sodium) and powder for oral liquid 250 mg/5 mL (as sodium) on the EMLc.

### EML recommendations: Sepsis without septic shock

<table>
<thead>
<tr>
<th>First choice</th>
<th>Second choice</th>
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<tbody>
<tr>
<td></td>
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<tr>
<td>Gentamicin</td>
<td>Cloxacillin</td>
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<tr>
<td>Co-prescribed with Amoxicillin</td>
<td>Co-prescribed with Amikacin</td>
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<tr>
<td>Gentamicin</td>
<td>Cefotaxime</td>
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<td>Ceftriaxone</td>
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<td>Gentamicin</td>
<td>Co-prescribed with Benzylpenicillin</td>
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