Gentamicin is aminoglycoside antibiotic used in the treatment of various bacterial infections.

### General description

Gentamicin is an aminoglycoside antibiotic used in the treatment of various bacterial infections.

<table>
<thead>
<tr>
<th>INN</th>
<th>Gentamicin</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATC codes</td>
<td>S02AA14 J01GB03</td>
</tr>
<tr>
<td>Medicine type</td>
<td>Chemical agent</td>
</tr>
<tr>
<td>Antibiotic groups</td>
<td>ACCESS</td>
</tr>
<tr>
<td>EML status history</td>
<td>First added in 1977 (TRS 615) for Bacterial infection of unspecified site Added in 1989 (TRS 796) for Infectious blepharitis Added in 1989 (TRS 796) for Other specified conjunctivitis Added in 2017 (TRS 1006) for Acute malnutrition in infants, children or adolescents Added in 2017 (TRS 1006) for Sepsis without septic shock Added in 2017 (TRS 1006) for Gonococcal infection Removed in 2017 (TRS 1006) for Bacterial infection of unspecified site Added in 2017 (TRS 1006) for Bacterial pneumonia Added in 2019 (TRS 1021) for Other specified prophylactic measures Added in 2021 (TRS 1035) for Peritonitis Added in 2021 (TRS 1035) for Peritoneal abscess Added in 2021 (TRS 1035) for Neonatal meningitis</td>
</tr>
<tr>
<td>Wikipedia</td>
<td>Gentamicin</td>
</tr>
<tr>
<td>DrugBank</td>
<td>Gentamicin</td>
</tr>
</tbody>
</table>

### Recommendations

#### Section
Ophthalmological preparations > Anti-infective agents

Local > Ophthalmological > Solution (eye drops): 0.3% (gentamicin sulfate)

**Indications**

- Infectious blepharitis
- Other specified conjunctivitis

#### Section
Access group antibiotics

Parenteral > General injections > unspecified: 10 mg per mL in 2 mL vial (as sulfate); 40 mg per mL in 2 mL vial (as sulfate)

**Indications**

First choice
Neonatal meningitis co-prescribed with amoxicillin
Bacterial pneumonia (Community-acquired pneumonia - severe) [children]

Sepsis without septic shock co-prescribed with amoxicillin

Peritonitis (mild-moderate) co-prescribed with ampicillin

Peritoneal abscess (mild-moderate) co-prescribed with ampicillin

Peritoneal abscess (severe) co-prescribed with ampicillin

Acute malnutrition in infants, children or adolescents (complicated) [children] co-prescribed with ampicillin

Bacterial pneumonia (Community-acquired pneumonia - severe) [children] co-prescribed with benzylpenicillin

Sepsis without septic shock co-prescribed with benzylpenicillin

Peritonitis (severe) co-prescribed with benzylpenicillin

Bacterial pneumonia (Community-acquired pneumonia - severe) [children] co-prescribed with benzylpenicillin

Sepsis without septic shock co-prescribed with benzylpenicillin

Acute malnutrition in infants, children or adolescents (complicated) [children] co-prescribed with benzylpenicillin

Second choice

Other specified prophylactic measures
Gonococcal infection

Other indications
Bacterial infection of unspecified site