**Lamivudine**

10mg/mL oral mixture

© Department for Health and Ageing, Government of South Australia. All rights reserved.

**Note:**
This guideline provides advice of a general nature. This statewide guideline has been prepared to promote and facilitate standardisation and consistency of practice, using a multidisciplinary approach. The guideline is based on a review of published evidence and expert opinion.

Information in this statewide guideline is current at the time of publication.

SA Health does not accept responsibility for the quality or accuracy of material on websites linked from this site and does not sponsor, approve or endorse materials on such links.

Health practitioners in the South Australian public health sector are expected to review specific details of each patient and professionally assess the applicability of the relevant guideline to that clinical situation.

If for good clinical reasons, a decision is made to depart from the guideline, the responsible clinician must document in the patient’s medical record, the decision made, by whom, and detailed reasons for the departure from the guideline.

This statewide guideline does not address all the elements of clinical practice and assumes that the individual clinicians are responsible for discussing care with consumers in an environment that is culturally appropriate and which enables respectful confidential discussion. This includes:

- The use of interpreter services where necessary,
- Advising consumers of their choice and ensuring informed consent is obtained,
- Providing care within scope of practice, meeting all legislative requirements and maintaining standards of professional conduct, and
- Documenting all care in accordance with mandatory and local requirements

**Synonym**

3TC

**Dose and Indications**

Use with zidovudine and nevirapine to provide additional prophylaxis against vertical transmission of HIV (human immunodeficiency virus) for infants of mothers with a detectable viral load at ≥ 36 weeks, or late presentation and viral load unknown

Only to be used post consultation with Infectious Diseases team

**Oral**

2mg/kg/dose every 12 hours for 4 weeks

Commence together with zidovudine and nevirapine, as soon as possible after birth within 6 to 12 hrs of delivery

**Preparation and Administration**

**Oral**

The oral solution contains 10mg/mL lamivudine

<table>
<thead>
<tr>
<th>Dose</th>
<th>2mg</th>
<th>4mg</th>
<th>6mg</th>
<th>8mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume</td>
<td>0.2mL</td>
<td>0.4mL</td>
<td>0.6mL</td>
<td>0.8mL</td>
</tr>
</tbody>
</table>
Adverse Effects

Common
Abdominal pain, diarrhoea, malaise, rash, neutropenia, anaemia

Infrequent
Pancreatitis

Monitoring
> Lactic acidosis
> Hepatic function

Practice Points
> To be used always in conjunction with zidovudine and nevirapine
> Initiate as soon as possible post delivery
> Lamivudine is generally well tolerated

References
1. Management of perinatal infections, Australian Society of Infectious diseases 2014
   www.asid.net.au/documents/item/368
Lamivudine
10mg/mL oral mixture

Document Ownership & History

Developed by: SA Maternal, Neonatal & Gynaecology Community of Practice
Contact: Health.NeoMed@sa.gov.au
Endorsed by: SA Health Safety and Quality Strategic Governance Committee
Next review due: 15/05/2020
ISBN number: 978-1-74243-768-2
PDS reference: CG210
Policy history:
- Is this a new policy (V1)? N
- Does this policy amend or update an existing policy? Y
- If so, which version? 1.0
- Does this policy replace another policy with a different title? N
- If so, which policy (title)?

<table>
<thead>
<tr>
<th>Approval Date</th>
<th>Version</th>
<th>Who approved New/Revised Version</th>
<th>Reason for Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>24/5/18</td>
<td>V1.1</td>
<td>SA Health Safety and Quality Strategic Governance Committee</td>
<td>New template</td>
</tr>
<tr>
<td>03/2015</td>
<td>V1</td>
<td>SA Health Safety and Quality Strategic Governance Committee</td>
<td>Original SA Health Safety and Quality Strategic Governance Committee approved version</td>
</tr>
</tbody>
</table>