

Lamivudine

10mg/mL oral mixture

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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.

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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 12hrs of delivery

Preparation and Administration

Oral

The oral solution contains 10mg/mL lamivudine

Dose	2mg	4mg	6mg	8mg
Volume	0.2mL	0.4mL	0.6mL	0.8mL

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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



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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)?

Approval Date	Version	Who approved New/Revised Version	Reason for Change
24/5/18	V1.1	SA Health Safety and Quality Strategic Governance Committee	New template
03/2015	V1	SA Health Safety and Quality Strategic Governance Committee	Original SA Health Safety and Quality Strategic Governance Committee approved version

