



ADULT

ZIDOVUDINE

This document should be read in conjunction with this [DISCLAIMER](#)




[Antimicrobial Restriction – Monitored \(IV\)](#)

HIGH RISK Medication 

[SAS Category A](#) (item requires approval by TGA)

Presentation	Vials: 200mg/20mL (10mg/mL)
Dose	<p><u>Prevention of HIV transmission in labour</u></p> <p>IV infusion: <i>Loading dose:</i> 2mg/kg maternal body weight for one hour <u>then</u> <i>Maintenance dose:</i> 1mg/kg maternal body weight/hour until birth of the baby</p> <p>Commence treatment FOUR hours prior to anticipated birth and continue the infusion until birth of the neonate and clamping of the umbilical cord.</p>
Administration	<p><u>IV Infusion</u></p> <p>Reconstitution: Add 1000mg (5 vials of 200mg/20mL) to 900mL of Glucose 5%.</p> <p>This equates to a total volume of 1000mL of fluid for administration, giving a concentration of 1mg/mL</p> <p>Stability of reconstituted solution: 24 hours at room temperature, 48 hours if refrigerated</p> <p>For Y site compatibilities click HERE</p>
Pregnancy	<p>1st Trimester: Considered safe to use</p> <p>2nd Trimester: Considered safe to use</p> <p>3rd Trimester: Considered safe to use</p>
Breastfeeding	<p>Breastfeeding is contraindicated due to the risk of postnatal HIV transmission.</p> <p>Low levels of Zidovudine in breastmilk, trace amounts in infant</p>
Monitoring	Monitor complete blood count

Clinical Guidelines and Policies	<p>Clinical Guidelines HIV Positive: Management of the Woman and her neonate</p> <p>WNHS Policies Intravenous Medications - Procedure for Reconstitution and Administration Standard Procedures for Reconstitution and Administration of Intravenous Drugs</p>
References	<p>Australian Medicines Handbook. Zidovudine. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2017 [cited 2017 Oct 30]. Available from: https://amhonline.amh.net.au/</p> <p>The Royal Women's Hospital. Zidovudine In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2017 Oct 30]. Available from: https://thewomenspbmg.org.au/</p> <p>Society of Hospital Pharmacists of Australia. Zidovudine. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2017 Oct 30]. Available from: http://aidh.hcn.com.au</p> <p>Therapeutic Guidelines. HIV infection in pregnancy. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2017 [cited 2017 Oct 30]. Available from: https://tgldcdp.tg.org.au</p>

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