



ADULT



LABETALOL INJECTION

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

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

Presentation	Vial: 100mg/20mL
Dose	IV injection: 20mg (4mL) undiluted over 2 minutes. Dose can be repeated every 10 minutes (titrated to blood pressure) to a maximum of 4 doses (80mg = 16mL). The maximal effect usually occurs within 5 minutes. IV infusion: See below
Administration	IV Injection: Inject over 2 minutes IV infusion: <i>Dilution</i> Withdraw 40 mL from a 100 mL bag of sodium chloride 0.9% Draw up 200 mg labetalol (40 mL) and add to remaining 60 mL in the bag of sodium chloride 0.9% <u>Final concentration is labetalol 2 mg/mL</u> <i>Infusion Rate</i> Start infusion at 10 mL/hour (20 mg/hour). Titrate to stabilise blood pressure by adjusting (doubling, maintaining or halving) the infusion as required every 30 minutes to a maximum dose of 80 mL/hour (160 mg/hour) Discontinue by weaning over 1-2 hours when clinically appropriate
Pregnancy	1st Trimester: Considered safe to use 2nd Trimester: Monitoring required 3rd Trimester: Monitoring required
Breastfeeding	Considered safe to use
Monitoring	➤ Blood pressure should be monitored during and after completion of the

	<p>infusion or intravenous injections</p> <p>➤ Patients should always be kept in a supine position during IV drug administration</p>
Clinical guidelines and policies	<p>Hypertension in Pregnancy - Medical Management</p> <p>Intravenous Medications – Checking and the Administration</p> <p>Standard Procedure for the Reconstitution and Administration of Intravenous Drugs</p>
References	<p>Society of Hospital Pharmacists of Australia. Labetalol. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2017 Mar 21]. Available from: http://aidh.hcn.com.au</p> <p>The Royal Women's Hospital. Labetalol. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2017 Apr 12]. Available from: https://thewomenspbmg.org.au/</p> <p>Lowe SA, Bowyer L, Lust K, McMahon LP, Morton MR, North RA, et al. Guideline for the management of hypertensive disorders of pregnancy. Society of Obstetric Medicine of Australia and New Zealand (SOMANZ) Endorsed Guidelines [Internet]. 2014 [updated 2015 Jun; cited 2017 May 07].</p> <p>South Australian Maternal & Neonatal Community of Practice. Labetalol infusion regimen. South Australian Perinatal Practice Guidelines [Internet]. 2016 [updated 2016 Apr 19; cited 2017 Mar 21].</p> <p>Ballarat Health Services. Labetalol (Intravenous - severe hypertension in pregnancy). Ballarat Health Services Drug Guideline DRG0035 [Internet]. 2014 [updated 2014 Dec; cited 2017 Mar 29].</p>

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