



ADULT Medication Monograph



METFORMIN

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

[Formulary: Unrestricted](#)

Class	Biguanide
Presentation	Tablet (<i>Immediate Release</i>): 500mg, 850mg Tablet (<i>Extended Release</i>): 500mg, 1000mg
Storage	Store at room temperature, below 25°C
Dose	<u>Type 2 Diabetes</u> Oral: <i>Immediate Release:</i> Initially 500mg one to three times daily. May be increased up to 850mg two to three times daily according to response. Maximum daily dose: 3000mg. <i>Extended Release:</i> Initially 500mg once daily with the evening meal. May be increased up to 2000mg once daily. When changing from conventional tablets (<i>Immediate release</i>) start with the patient's usual daily dose. If >2000mg daily is required, use conventional tablets. <i>Pregnancy:</i> Consult Diabetes Physician <u>Anovulatory Infertility</u> Oral: Commence with 500mg two or three times each day, as tolerated. May be increased gradually up to 2000mg daily.
Administration	<u>Oral</u> Take with or after food. <i>Extended Release:</i> Swallow whole, do not crush or chew.
Pregnancy	1st Trimester: Monitoring required 2nd Trimester: Monitoring required 3rd Trimester: Monitoring required
Breastfeeding	Considered safe to use

Monitoring	Blood glucose levels, HbA _{1c} , vitamin B ₁₂ , renal function (dose reduction may be required when CrCl <90mL/min)
Clinical Guidelines and Policies	<p>KEMH Clinical Guidelines:</p> <p>Diabetes</p> <p>Pregnancy Post-Bariatric Surgery - Dietary Management</p> <p>KEMH Pharmaceutical & Medicines Management Guidelines:</p> <p>Medication Administration</p> <p>Preoperative Medication Management</p>
References	<p>Australian Medicines Handbook. Metformin. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2019 Aug 22]. Available from: https://amhonline.amh.net.au/</p> <p>The Royal Women's Hospital. Metformin. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2019 Aug 22]. Available from: https://thewomenspbmg.org.au/</p> <p>MIMS Australia. Metformin. In: MIMS Online [Internet]. North Sydney (New South Wales): MIMS Online; 2019 [cited 2019 Aug 22]. Available from: https://www.mimsonline.com.au/</p>

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