



ADULT Medication Monograph



METHOTREXATE

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

 **HIGH RISK Medication**

<p>Presentation</p>	<p>Tablet: 2.5mg Injection (Prefilled Syringes): 5mg/0.2mL Injection (Prefilled Syringes): 50mg/0.5ml Injection (Prefilled Syringes): 60mg/0.6mL Injection (Prefilled Syringes): 70mg/0.7mL Injection (Prefilled Syringes): 75mg/0.75mL Injection (Prefilled Syringes): 80mg/0.8mL Injection (Prefilled Syringes): 90mg/0.9mL Injection (Prefilled Syringes): 100mg/mL Injection (Prefilled Syringes): 125mg/1.25mL <i>Other strengths may be available for specific patients – contact pharmacy for further advice</i></p>
<p>Dose</p>	<p>Refer to relevant KEMH Clinical Guidelines for appropriate dose regimes (links below)</p>
<p>Administration</p>	<p><u>Oral</u> Dose is administered ONCE WEEKLY. Give with or soon after food.</p> <p><u>IM injection</u> Preferred route for treatment of ectopic pregnancy. Inject into buttock or lateral thigh. Injection is yellow.</p> <p><u>Intraectopic injection</u> <i>By senior medical staff only.</i> May be injected into the ectopic pregnancy sac laparoscopically or transvaginally under ultrasound guidance. Injection is yellow.</p>
<p>Pregnancy</p>	<p>1st Trimester: Contraindicated 2nd Trimester: Contraindicated 3rd Trimester: Contraindicated</p>

Breastfeeding	<p><i>High chemotherapy doses:</i> Contraindicated</p> <p><i>For breastfeeding patients receiving a single systemic dose for ectopic pregnancy:</i> Express and discard milk for 24 hours. For high doses (>75mg or dosing more than once weekly), express and discard milk for 2-4 days.</p> <p>For further information, contact the KEMH Obstetric Medicines Information Service on (08) 6458 2723</p>
Monitoring	FBC, LFTs, renal function, signs of immunosuppression or myelosuppression, signs of pulmonary toxicity/pneumonitis
Clinical Guidelines and Policies	<p>KEMH Clinical Guideline: O&G: Pregnancy Care: First Trimester</p> <p>KEMH Pharmacy Guideline: Cytotoxic Agents: Safe Handling Of</p> <p>KEMH Patient Information Brochure: Systemic Methotrexate</p>
References	<p>Australian Medicines Handbook. Methotrexate. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2017 [cited 2017 Nov 14]. Available from: https://amhonline.amh.net.au/</p> <p>The Royal Women's Hospital. Methotrexate. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2016 [cited 2017 Nov 14]. Available from: https://thewomenspbmg.org.au/</p> <p>U.S. National Library of Medicine. Methotrexate. In: Drugs and Lactation Database (LactMed) [Internet]. Bethesda (MD): U.S. National Library of Medicine; 2018 [cited 2018 Jan 31]. Available from: http://toxnet.nlm.nih.gov</p> <p>Hale TW. Methotrexate. In: Medications and Mothers' Milk [Internet]. New York: Springer Publishing Company; 2018 [cited 2018 Jan 31]. Available from: http://www.medsmilk.com</p> <p>Society of Hospital Pharmacists of Australia. Methotrexate. In: Australian Injectable Drugs Handbook [Internet]. [St Leonards, New South Wales]: Health Communication Network; 2017 [cited 2017 Nov 14]. Available from: http://aidh.hcn.com.au</p> <p>Leung Y, Neesham D, McNally O, Garrett A, Brand A, Vaughn M, Skyes P. Management of Gestational Trophoblastic Disease. The Royal Australian and New Zealand College of Obstetricians and Gynaecologists (RANZCOG) Endorsed Guidelines [Internet]. 2017 [updated 2017 Mar; cited 2017 Nov 14]. Available from: http://www.ranzcog.edu.au</p> <p>Hydatidiform Mole and Choriocarcinoma UK Information and Support Service [Internet]. London (UK): Charing Cross Hospital; 2017 [cited 2017 Nov 22]. Available from: http://www.hmole-chorio.org.uk/</p>

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<p>Printed or personally saved electronic copies of this document are considered uncontrolled.</p> <p>Access the current version from the WNHS website.</p> <p>For any enquiries relating to this guideline, please email KEMH.PharmacyAdmin@health.wa.gov.au</p>			

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