



ADULT Medication Monograph



# MACROGOL with electrolytes

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

[Formulary: Unrestricted](#)

<b>Class</b>	Osmotic Laxative
<b>Presentation</b>	Each powder sachet contains: Macrogol 3350 13.125g Sodium chloride 350.7mg Sodium Bicarbonate 178.5mg Potassium chloride 46.6mg
<b>Storage</b>	Store at room temperature, below 25°C
<b>Dose</b>	<b><u>Constipation</u></b> <b>Oral:</b> 1-3 sachets daily  <b><u>Faecal Impaction</u></b> <b>Oral:</b> 8 sachets daily, taken within 6 hours. Dose may be repeated for up to 3 days.
<b>Administration</b>	Reconstitute each sachet in a glass containing 125mL of water.  <b><u>For faecal impaction</u></b> It may be easier to dissolve 8 sachets in 1L of water. If reconstituting larger volumes, store bulk in the fridge (2-8°C) and keep it covered. Discard any solution not used within a 24 hour period.
<b>Pregnancy</b>	<b>1<sup>st</sup> Trimester:</b> Safe to use <b>2<sup>nd</sup> Trimester:</b> Safe to use <b>3<sup>rd</sup> Trimester:</b> Safe to use
<b>Breastfeeding</b>	Safe to use

<b>Monitoring</b>	<p>Effect is seen between 2-48 hours after dosing</p> <p><b>Sodium Restriction</b></p> <p>Each sachet when reconstituted in 125mL of water contains approx. 8.1mmol (186mg) of sodium</p> <p><b>Cardiovascular Disease (e.g. heart failure)</b></p> <p>Use with caution - may be exacerbated due to fluid and electrolyte disturbances</p>
<b>Clinical Guidelines and Policies</b>	<p><b>KEMH Clinical Guidelines:</b></p> <p><a href="#">Clinical Practice Guideline – Bowel Care</a></p> <p><b>KEMH Pharmaceutical &amp; Medicines Management Guidelines:</b></p> <p>KEMH Pharmaceutical &amp; Medicines Management Guideline:</p> <p><a href="#">Medication Administration</a></p>
<b>References</b>	<p>Australian Medicines Handbook. Macrogol Laxatives. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2020 [cited 2020 Jun 19]. Available from: <a href="https://amhonline.amh.net.au/chapters/gastrointestinal-drugs/laxatives/osmotic-laxatives/macrogol-laxatives">https://amhonline.amh.net.au/chapters/gastrointestinal-drugs/laxatives/osmotic-laxatives/macrogol-laxatives</a></p> <p>MIMS Australia. APO-Macrogol Plus Electrolytes. In: MIMS Online [Internet]. St Leonards (New South Wales): MIMS Australia; 2020 [cited 2020 Jun 19]. Available from: <a href="https://www.mimsonline.com.au">https://www.mimsonline.com.au</a></p> <p>Therapeutic Guidelines. Functional gastrointestinal disorders: constipation in adults. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2020 [cited 2020 Jun 19]. Available from: <a href="https://tgldcdp.tg.org.au/viewTopic?topicfile=functional-gastrointestinal-disorders&amp;guidelineName=Gastrointestinal#toc_d1e756">https://tgldcdp.tg.org.au/viewTopic?topicfile=functional-gastrointestinal-disorders&amp;guidelineName=Gastrointestinal#toc_d1e756</a></p> <p>The Royal Women's Hospital. Macrogols (Polyethylene Glycol (Peg)). In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2020 [cited 2020 Jun 19]. Available from: <a href="https://thewomenspbmg-org-au.kelibresources.health.wa.gov.au/medicines/polyethylene-glycol-laxatives/">https://thewomenspbmg-org-au.kelibresources.health.wa.gov.au/medicines/polyethylene-glycol-laxatives/</a></p>

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