



ADULT Medication Monograph

# LEVONORGESTREL

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



[Formulary: Restricted \(Intrauterine drug delivery system\)](#)

[Formulary: Unrestricted \(tablet\)](#)

<b>Class</b>	Progestogen
<b>Presentation</b>	<p><b><u>Tablet:</u></b> 30microg, 1.5mg</p> <p><b><i>Combination Products</i></b>  <b>Microgynon 20 ED®</b>, <b>Femme-Tab ED 20/100® Tablet:</b>            Levonorgestrel 100microg/Ethinylestradiol 20microg  <b>Levlen ED®</b>, <b>Femme-Tab ED 30/150®</b>, <b>Monofeme® Tablet:</b>            Levonorgestrel 150microg/Ethinylestradiol 30microg  <b>Microgynon 50 ED® Tablet:</b>            Levonorgestrel 125microg/Ethinylestradiol 50microg  <b>Trifeme® Tablet:</b>            Levonorgestrel 50microg/Ethinylestradiol 30microg (6);            Levonorgestrel 75microg/Ethinylestradiol 40microg (5);            Levonorgestrel 125microg/Ethinylestradiol 30microg (10)</p> <p><b><u>Intrauterine device (Mirena® IUD):</u></b> 52mg (delivering 20mcg/24hours over 5years)</p>
<b>Storage</b>	Store below 25°C
<b>Dose</b>	<p><b><u>Emergency Contraception</u></b></p> <p><b>Oral:</b></p> <p>1.5mg as a single dose.</p> <p><i>Give as soon as possible after unprotected intercourse, preferably within 72 hours as efficacy decreases over time. May still be considered after 96-120 hours but efficacy is uncertain.</i></p>

	<p><b><u>Contraception</u></b></p> <p><b>Oral:</b> 30microg once daily at the same time each day. Begin 3-4 weeks after delivery; use before this may cause heavy, irregular bleeding.</p> <p><b><u>Postpartum Prolonged Contraception</u></b></p> <p><b>Intrauterine device:</b> One device (52mg) inserted within the first 48 hours postpartum. If this cannot be achieved, wait until at least 4 weeks (usually 6 weeks) postpartum to reduce the risk of uterine perforation.</p> <p><b><u>Prolonged Contraception (regular cycle)</u></b></p> <p><b>Intrauterine device:</b> One device (52mg) inserted within the first 7 days of the menstrual cycle.</p> <p><b><u>Heavy Menstrual Bleeding, Hormone Replacement Therapy (as adjunct to estrogen):</u></b></p> <p><b>Intrauterine device:</b> One device (52mg) inserted (within the first 7 days of the menstrual cycle).</p>
<p><b>Administration</b></p>	<p><b><u>Oral</u></b> With or without food. Taking the 1.5mg tablet after food may reduce nausea.</p> <p><b><u>Intrauterine Device</u></b> To be inserted by the doctor</p>
<p><b>Pregnancy</b></p>	<p><b>1<sup>st</sup> Trimester:</b> Contraindicated <b>2<sup>nd</sup> Trimester:</b> Contraindicated <b>3<sup>rd</sup> Trimester:</b> Contraindicated</p>
<p><b>Breastfeeding</b></p>	<p><b>Oral:</b> Considered safe to use <b>Combination product:</b> Consider alternative <b>IUD:</b> Considered safe to use but insert at least six weeks after delivery</p> <p>For more information, please contact <a href="#">KEMH Obstetric Medicines Information Service</a>.</p>
<p><b>Monitoring</b></p>	<p>Refer to guidelines</p>

<p><b>Clinical Guidelines and Policies</b></p>	<p><b>KEMH Clinical Guidelines:</b></p> <p><a href="#">Emergency Contraception</a></p> <p><a href="#">Intrauterine Devices/Systems</a></p> <p><a href="#">Progesterone Only Pill (POP)</a></p> <p><a href="#">Combined Oral Contraceptive Pill (COCP)</a></p> <p><a href="#">Postpartum Contraception</a></p> <p><a href="#">Menstrual bleeding: Heavy</a></p> <p><a href="#">Gynaecology (Non-oncological)</a></p> <p><a href="#">Menopause &amp; menopausal symptoms</a></p> <p><a href="#">Pregnancy care: First trimester complications</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>
<p><b>References</b></p>	<p>Australian Medicines Handbook. Levonorgestrel. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2019 Oct 03]. Available from: <a href="https://amhonline.amh.net.au/">https://amhonline.amh.net.au/</a></p> <p>Australian Medicines Handbook. Levonorgestrel IUD. In: Australian Medicines Handbook [Internet]. Adelaide (South Australia): Australian Medicines Handbook; 2019 [cited 2019 Oct 03]. Available from: <a href="https://amhonline.amh.net.au/">https://amhonline.amh.net.au/</a></p> <p>Therapeutic Guidelines. Hormonal Contraception. In: eTG complete [Internet]. West Melbourne (Victoria): Therapeutic Guidelines; 2019 [cited 2019 Oct 03]. Available from: <a href="https://tgldcdp.tg.org.au">https://tgldcdp.tg.org.au</a></p> <p>The Royal Women's Hospital. Levonorgestrel. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2019 [cited 2019 Oct 03]. Available from: <a href="https://thewomenspbmq.org.au/">https://thewomenspbmq.org.au/</a></p> <p>The Royal Women's Hospital. Levonorgestrel with ethinylestradiol. In: Pregnancy and Breastfeeding Medicines Guide [Internet]. Parkville (Victoria): The Royal Women's Hospital; 2019 [cited 2019 Oct 03]. Available from: <a href="https://thewomenspbmq.org.au/">https://thewomenspbmq.org.au/</a></p> <p>Family Planning New South Wales, Family Planning Victoria, True Relationships and Reproductive Health. Contraception: An Australian Clinical Practice Handbook, 4<sup>th</sup> ed. Ashfield NSW, 2016</p> <p><a href="#">CDC Contraceptive Guidance for Health Care Providers</a></p> <p><a href="#">FSRH UK Medical Eligibility Criteria for Contraceptive Use</a></p> <p><a href="#">FSRH CEU Guidance: Drug Interactions with Hormonal Contraception</a></p> <p><a href="#">NHS Contraception Guide</a></p>

Keywords:	Levonorgestrel, POP, COCP, contraception, emergency contraception, Mirena, intrauterine device, intra-uterine device, IUD, heavy menstrual bleeding, HMB, HRT, hormone replacement therapy		
Publishing:	<input checked="" type="checkbox"/> Intranet <input checked="" type="checkbox"/> Internet		
Document owner:	Chief Pharmacist		
Author / Reviewer:	KEMH Pharmacy Department		
Date first issued:	February 2015	Version:	4.0
Last reviewed:	May 2020	Next review date:	May 2023
Endorsed by:	Medicines and Therapeutics Committee	Date:	February 2015
Standards Applicable:	NSQHS Standards: 1  Governance, 4  Medication Safety		

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