

Repeat dosing of oral hormonal contraceptives after vomiting

Family Planning Alliance Australia: Statement from the Clinical Reference Group of the Medical Advisory Committee January 2020

Vomiting after administration of an oral hormonal contraceptive or emergency contraceptive pill can result in a loss of effectiveness and a repeat dose may be required. The need for a repeat dose following vomiting is related to the time to absorption of the hormonal constituents in the small intestine: ethinylestradiol/ estradiol and progestogens in the combined pill; progestogens (levonorgestrel or norethisterone) in the progestogen only pill; levonorgestrel or ulipristal acetate in emergency contraceptive pills.

Previous advice on the timeframe between administration of the oral hormonal contraceptive and the time at which vomiting occurs which necessitated a repeat hormonal dose has now been replaced by a more conservative, straightforward recommendation. Previously, a repeat dose was recommended if vomiting occurred within 2 or 3 hours of administration depending on the preparation. This has been replaced by a universal recommendation to repeat a dose of either a combined hormonal or progestogen only pill or ulipristal acetate or levonorgestrel emergency contraception should vomiting occur within 3 hours of administration.



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The Medical Advisory Committee of Family Planning Alliance Australia is comprised of senior medical educators, senior medical officers and medical directors of the member family planning organisations. The Clinical Reference Group of the Medical Advisory Committee exists as a means to review current clinical practice and provide evidence based recommendations for use by sexual and reproductive health practitioners where clinical guidance is lacking.

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State / Territory sexual health and family planning organisations



Western Australia SHQ (Sexual Health Quarters) shq.org.au



ACT Sexual Health and Family Planning ACT shfpact.org.au



Northern Territory Family Planning Welfare Association of NT fpwnt.com.au



New South Wales Family Planning NSW fpnsw.org.au



South Australia SHINE SA shinesa.org.au



Victoria Family Planning Victoria fpv.org.au



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