

FUSIDIC ACID

Trade Name	Fucithalmic®
Class	Antibiotic
Mechanism of Action	Inhibits bacterial protein synthesis
Indications	Gram positive ophthalmic infections including: bacterial conjunctivitis, blepharitis, stye, keratitis. Generally used as second line treatment after chloramphenicol drops.
Contraindications	Allergy to fucidic acid
Supplied as	Fusidic acid 1% eye gel (viscous eye drops)
Dilution	N/A
Dosage	1 drop twice a day
Interval	12 hourly and continue for 48 hours after symptoms appear to have resolved
Administration	Topical instillation into the eye
Compatible With	N/A
Incompatible With	N/A
Monitoring	For adverse reactions
Stability	Discard drops one month after opening
Storage	Store below 25 °C
Adverse Reactions	Transient stinging, hypersensitivity
Metabolism	The sustained release formulation of Fucithalmic® ensures a prolonged contact with the conjunctival sac. Twice daily application provides sufficient fusidic acid concentrations in all relevant tissues of the eye. Fusidic acid penetrates well into the aqueous humour. The biological half-life of Fucithalmic® is 7.3 hours and mean antibiotic concentrations after a single dose of one drop 12 hours after administration are 6.0 mcg/mL.
References	www.medsafe.govt.nz
Updated By	P Schmidt and B Robertshawe August 2005 A Lynn, B Robertshawe June 2012 (re-order profile) A Lynn, B Robertshawe March 2021