



Brighton and Hove Clinical Commissioning Group
 High Weald Lewes Havens Clinical Commissioning Group
 Brighton and Sussex University Hospitals NHS Trust

JOINT FORMULARY

CHAPTER 11 - EYE

[Formulary home page](#)

<u>Non-Specialist Drugs</u>	<u>Specialist Initiation WITHOUT Shared Care Drugs</u>	<u>Specialist Initiation WITH Shared Care Drugs</u>	<u>Specialist ONLY Drugs</u>
Suitable for <u>non-specialist</u> initiation	For specialist initiation or recommendation only and specific on going monitoring (if required) but can then be prescribed by a GP <u>without</u> a shared care guideline.	For specialist initiation only and specific on going monitoring but can then be prescribed by GP <u>with</u> a shared care guideline.	For initiation and continuation (including monitoring) by a <u>specialist only</u> .
11.1	Administration of drugs to the eye		
11.2	Control of microbial contamination		
11.3	Anti-infective eye preparations		
11.4	Corticosteroids and other anti-inflammatory preparations		
11.5	Mydriatics and cycloplegics		
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11.8	Miscellaneous ophthalmic preparations		
11.9	Contact lenses		
Version Control			
Date of revision	Sections reviewed	Contributors	
09/11	All sections - Initial review	Dr S Glaspole	
03/12	Clinical review	Neveen Samaan	
04/17	All sections - APC review	APC members and Sussex Eye Hospital	

Ctrl-f will activate the search window.



Available to buy Over The Counter. See [policy statement](#) for more info.

Non-Specialist Drugs

Specialist Initiation WITHOUT Shared Care Guidelines

Specialist Initiation WITH Shared Care Guidelines


Specialist ONLY Drugs

11.1 Administration of drugs to the eye ([back to top](#))

11.2 Control of microbial contamination ([back to top](#))

11.3 Anti-infective eye preparations ([back to top](#))

11.3.1 Antibacterials

Chloramphenicol	* 	Eye drops 0.5% 10ml* Eye ointment 1% 4g* Single use preservative free eye drops 0.5% (minims [®]) 20x0.5ml	Excipients depend on manufacturer
Fusidic acid		Viscous eye drops 1%	Contains benzalkonium chloride, disodium edetate.
Cefuroxime		Ophthalmic solution 5% preservative free	
Ciprofloxacin		Ophthalmic solution 0.3%	Contains benzalkonium chloride.
Ciprofloxacin		Ophthalmic ointment 0.3%	OOKP patients only, supplied via BSUH.
Ofloxacin		Ophthalmic solution 0.3%	Contains benzalkonium chloride.
Gentamicin		Eye/ear drops 0.3% Eye drops 1.5% preservative free	Contains benzalkonium chloride.
Vancomycin		Ophthalmic solution 5%	Unlicensed.
Ciclosporin		Eye drops 1mg/ml Eye ointment 0.2%	Ikervis [®] Info sheet As per NICE TA369 Unlicensed.

11.3.2 Antifungals and antiamebics

Antifungal preparations for the eye are not generally available. Treatment will normally be carried out at specialist centres.

Propamidine isetionate	Eye drops 0.1%	for acanthamoeba which is specialist managed
Polyhexa methylene biguanide (PHMB)	Eye drops 0.02% preservative free	Unlicensed.
Amphotericin	Eye drops 0.15% preservative free	Unlicensed.



11.3.3 Antivirals

Aciclovir	Eye ointment 3%	Product being discontinued. Stock is anticipated to continue to be available until end of June 2019.
Ganciclovir	Eye gel 0.15%	Contains benzalkonium chloride.
Voriconazole	Eye drops 1%	Unlicensed.

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11.4 Corticosteroids and other anti-inflammatory preparations (back to top)		
11.4.1 Corticosteroids		
Betamethasone	Eye drops 0.1% Eye ointment 0.1%	Contains benzalkonium chloride, disodium edetate.
Dexamethasone	Eye drops 0.1%	Contains benzalkonium chloride, disodium edetate, polysorbate 80. Contains disodium edetate.
	Single use eye drop 0.1%	
	Eye drops 0.1% preservative free Intravitreal implant 700 micrograms	Unlicensed. For macular oedema secondary to RVO, as per NICE TA 229 For DMO, as per NICE TA 349 For treating non-infectious uveitis, as per NICE TA 460 Also approved for BSUH in tariff funding for uveitis.
Fluorometholone	Ophthalmic suspension 0.1%	Contains benzalkonium chloride, disodium edetate, polysorbate 80.
Prednisolone	Eye drops 0.5% Eye drops 1% Single use eye drops 0.5%	Contains benzalkonium chloride, disodium edetate, polysorbate 80.
Loteprednol etabonate	Eye drops 0.5%	Contains benzalkonium chloride, disodium edetate.
Diclofenac	Preservative free single use eye drops 0.1%	
Ketoralac	Eye drops 0.5%	Contains benzalkonium chloride, disodium edetate
Corticosteroids with antibacterials		
Betamethasone with neomycin	Eye drops betamethasone sodium phosphate 0.1%, neomycin sulphate 0.5%	Excipients depend on manufacturer. If supply problems dexamethasone/tobramycin is an alternative.
Dexamethasone and Tobramycin	Eye drops dexamethasone 0.1%, tobramycin 0.3%	Contains benzalkonium chloride, disodium edetate.
Maxitrol®	Eye drops dexamethasone 0.1%, hypromellose 0.5%, neomycin 0.35%, polymixin B sulphate 6000 units/ml Eye ointment dexamethasone 0.1%, neomycin 0.35%, polymixin B sulphate 6000 units/ml	Contains benzalkonium chloride, polysorbate 20. Contains hydroxybenzoates (parabens), wool fat.
Steroid-antibiotic ophthalmic combinations are not recommended for routine use.		

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11.4.2 Other anti-inflammatory preparations			
Sodium cromoglicate		Eye drops 2%	Excipients depend on manufacturer
Antazoline with xylometazoline		Eye drops antazoline sulphate 0.5%, xylometazoline hydrochloride 0.05%	Contains benzalkonium chloride, disodium edetate
Lodoxamide		Eye drops 0.1%	Contains benzalkonium chloride, disodium edetate
Olopatadine		Eye drops 1mg/ml	Contains benzalkonium chloride. For patients who have failed with OTC products and are unable to tolerate oral antihistamines. First line for children age 3-6 years.












11.5 Mydriatics and cycloplegics (back to top)		
Darkly pigmented iris is more resistant to pupillary dilatation and caution should be exercised to avoid over dosage. Patients should be advised not to drive for at least two hours after mydriasis.		
Antimuscarinics		
Atropine sulphate	Eye drops 0.5%, 1% Single use eye drops 1% (Minims®) Eye ointment 1%	Contains benzalkonium chloride Contains wool fat
Cyclopentolate hydrochloride	Eye drops 0.5%, 1% Single use eye drops 0.5%, 1% (Minims®)	Contains benzalkonium chloride
Tropicamide	Single use eye drops 0.5%, 1% (Minims®)	
Sympathomimetics		
Phenylephrine hydrochloride	Single use eye drops 2.5%, 10%	Contains disodium edetate, sodium metabisulphite

11.6 Treatment of glaucoma (back to top)		
Prostaglandin analogues		
Latanoprost	Eye drops 0.05%. Monoprost® 50 micrograms/ml eye drops, solution in single-dose container Eye drops latanoprost 0.05% and timolol 0.5%	First line. Contains benzalkonium chloride. Preservative free Contains benzalkonium chloride
Bimatoprost	Eye drops 100 micrograms/ml Lumigan® 0.3 mg/mL eye drops, solution, in single-dose container Ganfort® Eye drops bimatoprost 300 microgram/ml, timolol 5mg/ml	Second line. Contains benzalkonium chloride. Preservative free Contain benzalkonium chloride.
Travoprost	Eye drops 40 microg / ml	Contains polyquaternium-1 (POLYQUAD)
Tafluprost	Single dose eye drops 15micrograms/ml, preservative free	

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11.6 Treatment of glaucoma continued (back to top)		
Beta-blockers		
Betaxolol hydrochloride	Ophthalmic suspension 0.25% Single dose eye drops 0.25%, preservative free	Contains benzalkonium chloride, disodium edetate
Timolol maleate	Eye drops 0.25%, 0.5% Timoptol® Unit Dose 0.25% and 0.5% w/v Eye Drops Solution Preservative free unit dose eye drops 0.1%	Excipients depend on manufacturer Preservative free Tiopex® timoptol
Timolol maleate (Timoptol LA®)	Ophthalmic gel-forming solution 0.25%, 0.5%	Contains benzododecinium bromide
Sympathomimetics		
Brimonidine tartrate	Eye drops 0.2% Combigan® Eye drops: brimonidine 0.2%, timolol 0.5%.	Contains benzalkonium chloride
Apraclonidine	Eye drops 0.5% Single dose eye drops 1% preservative free	Contains benzalkonium chloride
Carbonic anhydrase inhibitors and systemic drugs		
Acetazolamide	Tablets 250mg Capsules MR 250mg Injection 500mg	
Brinzolamide	Eye drops 10mg/ml Simbrinza® Eye drops: brinzolamide 1%, brimonidine 0.2%	Contains benzalkonium chloride, disodium edetate. Sibmrinza only to be recommended after discussion with consultant.
Dorzolamide	Ophthalmic solution 2% Ophthalmic solution: dorzolamide 2%, timolol 0.5%	Contains benzalkonium chloride
Miotics		
Pilocarpine	Eye drops 1%, 2%, 4% Single use eye drops 2% (Minims®)	Excipients depend on manufacturer
11.7 Local anaesthetics (back to top)		
Proxymetacaine	Single use eye drops 0.5%	Preservative free
Oxybuprocaine	Single use eye drops 0.4%	Preservative free
Tetracaine	Single use eye drops 0.5% Single use eye drops 1%	Preservative free

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11.8 Miscellaneous ophthalmic preparations (back to top)		
11.8.1 Tear deficiency, ocular lubricants and astringents		
See Prescribing Guidelines for Dry Eye Management for further information.		
Mild to Moderate dry eye (no.) = lines of treatment. [.....] = type of device		
Hypromellose *		Eye drops 0.3%* (1) [plastic dropper bottle] Eye drops 0.5%* (1) [plastic dropper bottle] Tear-Lac® eye drops 0.3%*^ (4) [COMOD] Unpreserved eye drops 0.3%
		Excipients depend on manufacturer. <u>Preservative free.</u> 6 month expiry once opened. Unlicensed.
Optive®		Carmellose sodium eye drops 0.5%^ (2) [plastic dropper bottle]
		6 month expiry once opened.
Clinitas Gel®		Carbomer 980 liquid gel (3) [aluminium tube]
Hylo-Tear®		Sodium hyaluronate eye drops 0.1%^ (5) [COMOD]
		<u>Preservative free.</u> 6 month expiry once opened.
Celluvisc®		Carmellose sodium 1% (6) [single use eye drops]
		<u>Preservative free.</u> For second line preservative free use after Hylo-tear® in patients not suitable for hypromellose PF (Tear-Lac®)
Severe dry eye		
Thealoz Duo®		Sodium hyaluronate 0.15%, trehalose 3% [ABAK delivery system]
		1 st line for severe dry eyes <u>Preservative free.</u> 3 month expiry once opened.
Hylo-Forte®		Sodium hyaluronate eye drops 0.2%^ [COMOD]
		<u>Preservative free.</u> 6 month expiry once opened.
VitA-POS®		Liquid paraffin eye ointment^ [aluminium tube]
		<u>Preservative free.</u> 6 month expiry once opened. (Use at night time.)
Other preparations		
Simple eye ointment		Liquid paraffin 10%, wool fat 10%, in yellow soft paraffin [polyethylene/aluminium tube]
Ilube®		Acetylcysteine eye drops 5% [amber glass bottle with a plastic dropper]
		Contains benzalkonium chloride, disodium edetate
Systane Balance®		Propylene glycol 0.6% [plastic dropper bottle]
Ciclosporin		Eye drops 1mg/ml [single-dose, low-density polyethylene containers] Eye ointment 0.2% [Epoxy-phenol aluminium tube with high density polyethylene nozzle]
		Ikervis® Info sheet As per NICE TA369 Unlicensed.
Irrigation solution		
Sodium chloride		Eye drops 5% [plastic dropper bottle] Eye ointment 5% [aluminium tube] Single use eye drops, sodium chloride 0.9% [Minims®]
^ Do not include these products on repeat prescription.		

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11.8.2 Ocular diagnostic and peri-operative preparations and photodynamic treatment		
Ocular diagnostic preparations		
Fluorescein sodium	Single use eye drops 1%, 2% Fluorets®	
Ocular peri-operative drugs		
Diclofenac sodium	Single use eye drops 0.1%	
Ketorolac	Eye drops 0.5%	Contains benzalkonium chloride, disodium edentate
Apraclonidine	Ophthalmic solution 0.5% Single use ophthalmic solution 1%	Contains benzalkonium chloride
Subfoveal choroidal neovascularisation		
Ranibizumab	Intravitreal injection 10 mg/mL	ARMD, as per NICE TA 155 DMO, as per NICE TA 274 RVO, as per NICE TA 283 CNV associated with PM, as per NICE TA 298
Pegaptanib	Intravitreal injection 300 microgram PFS	ARMD, as per NICE TA 155
Aflibercept	Intravitreal injection 40 mg/mL	ARMD, as per NICE TA294 CRVO, as per NICE TA305 DMO, as per NICE TA346 BRVO, as per NICE TA409 CNV, as per NICE TA486
Ocriplasmin	Concentrate for solution for intravitreal injection, 2.5 mg/mL, 0.2-mL vial	Vitreomacular traction as per NICE TA 297
Bevacizumab	Solution for infusion vials 25mg/mL	ARMD as a treatment option alongside the licensed options.

11.9 Contact Lenses ([back to top](#))

Contact lenses and solutions are not prescribable on FP10. Specialist centres may sometimes provide these as part of specific procedures

Other NICE approved drugs		
Adalimumab	40mg, 80mg injection	NHS England commissioned as per NICE TA 460
Holoclax	79,000 - 316,000 cells/cm ² living tissue equivalent	NHS England commissioned as per NICE TA 467
Fluocinolone acetonide	Intravitreal implant	NHS England commissioned as per NICE TA 590
Voretigene neparvovec		NHS England commissioned as per NICE HST11

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