



Moorfields  
Eye Hospital  
NHS Foundation Trust



# Ophthalmic Formulary

## June 2024

Version 1.44

Medicines Information Publication

(Click to) **BEGIN**

# Ophthalmic Formulary

## NICE

As part of the good practice guidance released by the **National Institute for Health and Care Excellence (NICE)**, every NHS organisation was expected to develop and update a local formulary, which would be made available on the internet from the 1st April 2013.

The aim of the formulary was to:

- Reflect local needs
- Reduce variation in prescribing
- Allow rapid uptake of innovative medicines and treatments (i.e. NICE recommendations)

### Features:

1. **Accessibility** - Everything should be easily accessible from this document. You'll find relevant web links and internal documents (available only to Moorfields Eye Hospital)
2. **Contents page** - Simply by clicking the drug category, you'll be taken directly to the relevant section. Above and below each page are links, which direct you to the contents page.
3. **Relevant resources** – e.g. MEH anti-infective guidelines can be found at the end of each drug category.

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# Instructions

## Antibacterial Infection

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Glaucoma service handbook

Guidelines for management of endophthalmitis, viral retinitis/acute retinal necrosis, toxoplasma chorioretinitis

Antimicrobial Guidelines

Under each sub-heading you'll find a list of relevant sources

Drug Name	P/L*	Drug Class	Formulary Indication	N*	L*	Comments	Source
amoxicillin 2.5% eye drops	■	Antibacterial	Bacterial & Mycobacteria keratitis		✓		
eye drops	■	Antibacterial	Ocular Chlamydia infections; blepharitis		✓	July 2012 DTC	
	■	Antibacterial	Neisseria conjunctivitis; ophthalmia neonatorum; bacterial keratitis		✓		
	■	Antibacterial	Neisseria conjunctivitis; ophthalmia neonatorum; bacterial keratitis; blebitis; bleb-related endophthalmitis		✓		
drops	■	Antibacterial	bacterial conjunctivitis; ophthalmia neonatorum; bacterial endophthalmitis; post-op prophylaxis; post intravitreal prophylaxis;		✓		
drops	■	Antibacterial	corneal abrasion; dacryocystitis; canaliculitis; suture removal		✓	EYKAPPO multi-dose bottle	
chlorAMphenicol 0.5% single use eye drops	■	Antibacterial	Bacterial Conjunctivitis		✓		
chlorAMphenicol 1% eye ointment	■	Antibacterial	Bacterial Blepharitis		✓		
Clarithromycin 1% eye drops	■	Antibacterial	Mycobacterial keratitis				
Clarithromycin 2% eye drops	■	Antibacterial					
dexamethasone 0.05% with framycetin 0.5% with gramicidin 0.005% eye/ear drops	■	Antibacterial	Uninfected inflammatory conditions of the anterior segment where development of bacterial infection is possible				BNF 11.3.1; MEH Anti-infective Guidelines
erythromycin 0.5% eye ointment	■	Antibacterial	Chlamydial conjunctivitis & trachomatitis				
fusidic acid 1% eye drops	■	Antibacterial	infections due to Staphylococcus (usually in pregnant women)			ed April 2017	
framycetin 0.5% solution for donor eyes							
gentamicin 0.3% eye drops	■	Antibacterial					
gentamicin 0.3% eye drops (preservative-free)	■	Antibacterial	Bacterial keratitis				
gentamicin 1.5% FORTE eye drops	■	Antibacterial					
gentamicin 1.5% FORTE eye drops (preservative-free)	■	Antibacterial					
levofloxacin 0.5% eye drops	■	Antibacterial	Bacterial conjunctivitis; bacterial, sterile & mycobacterial keratitis; bleb-related endophthalmitis; blebitis; intraocular & periocular surgery; suture removal; post intravitreal injections; corneal abrasions		✓	DTC Oct 2007	

▼ This medicine is monitored intensively by the UK safety regulators – the MHRA and CHM.

P/L – Product License  
 ■ Unlicensed  
 ■ Product License

N – National Guideline  
 L – Local (MEH) Guideline  
 ✓ Local or National Guidelines Exists

Trust Formulary Approval

BNF 11.3.1; MEH Anti-infective Guidelines

Relevant Sources

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# Infection

*Antiamoebic*

*Antibacterial*

*Antifungal*

*Antiviral*

*Tapeworm*

## Primary Source

MEH Anti-infective Guidelines

## Secondary Source

Adnexal Service Manual

Toxoplasmosis – Out of Hour Policy

Toxoplasma Chorioretinitis (TCR) Guidelines for Moorfields Casualty Department

Paediatric Orbital Cellulitis Guidelines

## *Antiamoebic Infection*

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
chlorHEXidine digluconate 0.02% eye drops	■	Antiamoebic	Acanthamoeba keratitis; <del>antiseptic in patients with povidone iodine allergy</del> (replaced with chlorhexidine 0.05%)		✓		MEH Anti-infective Guidelines; Cornea and External Disease Induction Manual page 51
chlorHEXidine digluconate 0.05% eye drops	■	Antiamoebic	As an antiseptic option for intravitreal anti-VEGF injections and implants in those intolerant to povidone iodine.		✓	DTC approved Feb 2019	
hexamidine 0.1% eye drops	■	Antiamoebic	Acanthamoeba keratitis		✓		MEH Anti-infective Guidelines
polihexanide 0.02% eye drops	■	Antiamoebic			✓		MEH Anti-infective Guidelines, Cornea and External Disease Induction Manual page 51
polihexanide 0.06% eye drops	■	Antiamoebic			✓		MEH Anti-infective Guidelines
proPAMidine 0.1% eye drops	■	Antiamoebic			✓		MEH Anti-infective Guidelines; BNF 64 11.3.1
	■	Antiamoebic			✓		

# Antibacterial Infection

Bacterial Endophthalmitis (November 2005)

Cornea and External Disease Induction Manual - Bacterial keratitis page 45

Glaucoma service handbook

Guidelines for management of endophthalmitis, viral retinitis/acute retinal necrosis, toxoplasma chorioretinitis

## Antimicrobial Guidelines

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source	
amikacin 2.5% eye drops	■	Antibacterial	Bacterial & Mycobacteria keratitis		✓		BNF 11.3.1; MEH Anti-infective Guidelines	
azithroMYCin 1.5% single use eye drops	■	Antibacterial	Ocular chlamydia infections; blepharitis		✓	DTC approved July 2012		
cefTAZidime 5% eye drops	■	Antibacterial	Neisseria conjunctivitis; ophthalmia neonatorum; bacterial keratitis		✓			
cefUROxime 5% eye drops	■	Antibacterial	Neisseria conjunctivitis; ophthalmia neonatorum; bacterial keratitis; blebitis; bleb-related endophthalmitis		✓			
chlorAMPhenicol 0.5% eye drops	■	Antibacterial	bacterial conjunctivitis; ophthalmia neonatorum; bacterial endophthalmitis; post-op prophylaxis; post intravitreal prophylaxis; corneal abrasion; dacryocystitis; canaliculitis; suture removal		✓			
chlorAMPhenicol 0.5% eye drops (preservative-free bottle)	■	Antibacterial				✓		
chlorAMPhenicol 0.5% single use eye drops	■	Antibacterial				✓		
chlorAMPhenicol 1% eye ointment	■	Antibacterial	Bacterial Blepharitis		✓			
<del>CLArithromycin 1% eye drops</del>	■	<del>Antibacterial</del>	<del>Mycobacterial keratitis</del>					
<del>CLArithromycin 2% eye drops</del>	■	<del>Antibacterial</del>						
dexamethasone 0.05% with framycetin 0.5% with gramicidin 0.005% eye/ear drops	■	Antibacterial	Uninfected inflammatory conditions of the anterior segment where development of bacterial infection is possible					
erythromycin 0.5% eye ointment	■	Antibacterial	Chlamydial conjunctivitis & trachomatis		✓			
fusidic acid 1% eye drops	■	Antibacterial	Infections due to Staphylococcus (usually in pregnant women)		✓	Removed April 2017		
framycetin 0.5% solution for donor eyes								
gentamicin 0.3% eye drops	■	Antibacterial	Bacterial keratitis		✓			
gentamicin 0.3% eye drops (preservative-free)	■	Antibacterial						
gentamicin 1.5% FORTE eye drops	■	Antibacterial						
gentamicin 1.5% FORTE eye drops (preservative-free)	■	Antibacterial						
levoFLOxacIn 0.5% eye drops	■	Antibacterial	Bacterial conjunctivitis; bacterial, sterile & mycobacterial keratitis; bleb-related endophthalmitis; blebitis; intraocular & periocular surgery; suture removal; post intravitreal injections; corneal abrasions		✓	DTC approved Oct 2007		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
moxifloxacin 0.5% eye drops	■	Antibacterial	Bacterial conjunctivitis; bacterial, sterile & mycobacterial keratitis; bleb-related endophthalmitis; blebitis; intraocular & periocular surgery; suture removal; post intravitreal injections; corneal abrasions		✓	DTC approved July 2012	BNF 11.3.1; MEH Anti-infective Guidelines
penicillin 0.3% eye drops	■	Antibacterial	Bacterial keratitis		✓		
vancomycin 1.4% eye drops	■	Antibacterial	Boston K-pro antibiotic prophylaxis		✓	May 2012	
vancomycin 5% eye drops	■	Antibacterial	Bacterial keratitis		✓		
cefUROxime 1mg in 0.1mL intracameral prefilled syringe (Aprokam)	■	Antibacterial	Prophylaxis during intraocular and periocular surgery		✓	DTC approved Oct 2011	BNF 5.1; MEH Anti-infective Guidelines
amikacin 0.4mg in 0.1mL intravitreal injection pre-pack	■	Antibacterial	Bacterial endophthalmitis		✓		
vancomycin 2mg in 0.1mL intravitreal injection pre-pack	■	Antibacterial			✓		
amikacin 500mg in 2mL injection	■	Antibacterial	Bacterial endophthalmitis when intravitreal pre-pack unavailable		✓		
amoxicillin 250mg injection	■	Antibacterial			✓		
amoxicillin 500mg injection	■	Antibacterial			✓		
benzylpenicillin 600mg injection	■	Antibacterial	Necrotising fasciitis		✓		
cefTAZidime 1g injection	■	Antibacterial	Bacterial endophthalmitis		✓		
cefTAZidime 2g injection	■	Antibacterial			✓		
cefTRlaxone 1g injection	■	Antibacterial	Neisseria conjunctivitis; ophthalmia neonatorum; orbital cellulitis		✓		
cefTRlaxone 2g injection	■	Antibacterial			✓		
cefUROxime 250mg injection	■	Antibacterial	Prophylaxis prior to complex adnexal procedures		✓		
cefUROxime 750mg injection	■	Antibacterial			✓		
ciprofloxacin 100mg in 50mL infusion	■	Antibacterial	Bacterial endophthalmitis; orbital cellulitis; necrotising fasciitis		✓		
CLArithromycin 500mg injection	■	Antibacterial			✓		
CLINdamycin 300mg in 2mL injection	■	Antibacterial	Orbital cellulitis (with ciprofloxacin), necrotizing fasciitis (with ciprofloxacin & benzylpenicillin)		✓		
CLINdamycin 300mg in 2mL injection	■	Antibacterial	As an option in the treatment of toxoplasmosis: clindamycin intravitreal injection 1mg in 0.1 mL STAT +/- dexamethasone intravitreal injection 400 micrograms in 0.1 mL STAT, as required up to 5 injections in 6 weeks.		✓	DTC approved Feb 2019	
erythromycin lactobionate 1g injection	■	Antibacterial			✓		
flucLOxacillin 250mg injection	■	Antibacterial	Orbital cellulitis		✓		
flucLOxacillin 500mg injection	■	Antibacterial			✓		
gentamicin 80mg in 2mL injection	■	Antibacterial			✓		



Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
metronidazole 500mg in 100mL infusion	■	Antibacterial	orbital cellulitis (with ceftriaxone & flucloxacillin)		✓		BNF 5.1; MEH Anti-infective Guidelines
spECTinomycin 2g injection	■	Antibacterial	Neisseria conjunctivitis		✓		
teicoplanin 200mg injection	■	Antibacterial	Patients positive or at high risk of MRSA - prophylaxis in surgery		✓		
vancomycin 500mg injection	■	Antibacterial	Bacterial endophthalmitis when intravitreal pre-pack unavailable		✓		
amoxicillin 125mg in 5mL sugar free suspension	■	Antibacterial			✓		
amoxicillin 250mg capsules	■	Antibacterial			✓		
amoxicillin 250mg in 5mL sugar free suspension	■	Antibacterial			✓		
amoxicillin 3g sugar free sachet	■	Antibacterial			✓		
azithromycin 200mg in 5mL suspension	■	Antibacterial	Blebitis & bleb-related endophthalmitis (with moxifloxacin), toxoplasmosis		✓		
azithromycin 250mg capsules	■	Antibacterial			✓		
azithromycin 250mg tablets	■	Antibacterial			✓		
azithromycin 500mg tablets	■	Antibacterial			✓		
cefAClor 250mg in 5mL suspension	■	Antibacterial			✓		
cefALExin 125mg in 5mL suspension	■	Antibacterial	Post-operative complex procedures; pre-septal cellulitis; lid lacerations		✓		
cefALExin 250mg capsules	■	Antibacterial			✓		
cefALExin 250mg in 5mL suspension	■	Antibacterial			✓		
cefALExin 250mg tablets	■	Antibacterial			✓		
cefUROxime 125mg tablets	■	Antibacterial			✓		
ciprofloxacin 250mg in 5mL suspension	■	Antibacterial	Bacterial endophthalmitis (with clarithromycin)		✓		
ciprofloxacin 250mg tablets	■	Antibacterial			✓		
ciprofloxacin 500mg tablets	■	Antibacterial			✓		
ciprofloxacin 750mg tablets	■	Antibacterial			✓		
CLArithromycin 250mg tablets	■	Antibacterial		Bacterial endophthalmitis (with ciprofloxacin), soft tissue infection, preseptal cellulitis, lid lacerations, orbital blow out fractures, periocular abscesses (with metronidazole)		✓	
CLArithromycin 250mg/5mL suspension							
CLINdamycin 150mg capsules	■	Antibacterial	Toxoplasmosis		✓		BNF 5.1; MEH Anti-infective Guidelines
CLINdamycin 75mg/5mL suspension	■						
co-amOXiclav 125/31 sugar free suspension	■	Antibacterial	Blebitis (& moxifloxacin); preseptal cellulitis; lid lacerations; orbital blow out fractures; periocular abscesses (with metronidazole), dacryocystitis (with chloramphenicol); sinusitis		✓		
co-amOXiclav 250/62 sugar free suspension	■	Antibacterial			✓		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
co-amOXiclav 375mg tablets	■	Antibacterial			✓		
co-amOXiclav 625mg tablets	■	Antibacterial			✓		
cofluampicil 250/250 capsules	■	Antibacterial			✓		
co-trimoxazole 480mg tablets	■	Antibacterial		Prophylaxis of toxoplasmosis		✓	
dapsone 100mg tablets	■	Antibacterial	Treatment of ocular cicatricial pemphigoid and cicatrizing conjunctivitis in linear IgA disease		✓		BNF 5.1; MEH Anti-infective Guidelines; Cornea and External Disease Induction Manual page 175
dapsone 50mg tablets	■	Antibacterial			✓		
doxycycline 50mg capsules	■	Antibacterial	Chlamydial conjunctivitis, blepharitis, chalazia		✓		BNF 5.1; MEH Anti-infective Guidelines
erythromycin 125mg in 5mL suspension	■	Antibacterial	Blepharitis, soft tissue infection, preseptal cellulitis, lid lacerations, orbital blow out fractures, periocular abscesses (with metronidazole)		✓		
erythromycin 250mg in 5mL sugar free suspension	■	Antibacterial			✓		
erythromycin 250mg tablets	■	Antibacterial			✓		
ethambutol 100mg tablets	■	Antibacterial			✓		
flucLOxacillin 125mg in 5mL syrup	■	Antibacterial	Soft tissue infection		✓		
flucLOxacillin 250mg capsules	■	Antibacterial			✓		
flucLOxacillin 250mg in 5mL syrup	■	Antibacterial			✓		
flucLOxacillin 500mg capsules	■	Antibacterial			✓		
isoniazid 100mg tablets	■	Antibacterial			✓		
isoniazid 50mg tablets	■	Antibacterial			✓		
metroniDAZole 200mg in 5mL suspension	■	Antibacterial	Preseptal cellulitis (with co-amoxiclav or cefalexin)		✓		
metroniDAZole 200mg tablets	■	Antibacterial			✓		
moxifloxacin 400mg tablets	■	Antibacterial	Bacterial endophthalmitis, mycobacterial keratitis (with clarithromycin), blebitis. (All unlicensed indications)		✓	July 2009	
ofloxacin 400mg tablets	■	Antibacterial			✓		
phenOXYmethylpenicillin 125mg in 5mL solution	■	Antibacterial			✓		
phenOXYmethylpenicillin 250mg in 5mL solution	■	Antibacterial			✓		
phenOXYmethylpenicillin 250mg tablets	■	Antibacterial			✓		
pyriMETHamine 25mg tablets	■	Antibacterial	Toxoplasmosis (with sulfadiazine and folinic acid)		✓		BNF 5.1; MEH Anti-infective Guidelines
rifampicin 150mg with isoniazid 100mg tablets	■	Antibacterial			✓		
rifampicin 300mg with isoniazid 150mg tablets	■	Antibacterial			✓		
rifampicin 300mg capsule	■	Antibacterial			✓		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
rifampicin 100mg/5mL suspension	■				✓		
spirAMYcin 1g tablets	■	Antibacterial	Infections due to toxoplasmosis in pregnant women		✓		
sulfaDIAzine 500mg tablets	■	Antibacterial	Toxoplasmosis (with pyrimethamine and folinic acid)		✓		
tetraCYcline 250mg tablets	■	Antibacterial	Blepharitis (long term treatment)		✓		
triMETHoprim 200mg tablets	■	Antibacterial			✓		
chlorhexidine 0.1% with neomycin sulphate 0.5% nasal cream	■	Antibacterial	MRSA eradication if allergy to mupirocin		✓		
mupirocin 2% nasal ointment	■	Antibacterial	MRSA		✓		
fusidic acid 2% cream	■	Antibacterial			✗		
fusidic acid 2% ointment	■	Antibacterial			✗		
hydrocortisone acetate 1% with fusidic acid 2% ointment	■	Antibacterial			✓		
OcTENisan antimicrobial wash lotion	■	Antibacterial			✓		
ciprofloxacin 0.3% eye ointment	■	Antibacterial	Restricted use – only used for prevention of infection in OOKP (Osteo-Odonto-Keratoprosthesis)		✓		DTC October 2022

## Antifungal Infection

### Cornea and External Disease Induction Manual - Fungal keratitis

#### Guidelines for management of endophthalmitis, viral retinitis/acute retinal necrosis, toxoplasma chorioretinitis

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
amphotericin 0.15% eye drops	■	Antifungal	<i>Candida</i> fungal infections; keratitis		✓		MEH Anti-infective Guidelines
chlorHEXidine digluconate 0.2% eye drops	■	Antifungal	Fungal keratitis		✓	DTC approved Aug 2011	
cloTRImazole 1% eye drops	■	Antifungal	Anti-fungal eye drop		✗	No longer available	
miCONazole 1% eye drops	■	Antifungal	<i>Candida</i> fungal infections; keratitis		✗	No longer available	MEH Anti-infective Guidelines
natamycin 5% eye drops	■	Antifungal	Fungal Keratitis		✓	JFC Approved May 2013	
voriconazole 1% eye drops	■	Antifungal	Fungal infection		✓	DTC Approved August 2011	
amphotericin 5 micrograms in 0.1mL intravitreal injection pre-pack	■	Antifungal	Fungal endophthalmitis		✓		
amphotericin 50mg deoxycholate injection	■	Antifungal	Fungal infection		✓		
amphotericin 50mg liposomal injection	■	Antifungal	Fungal infection		✓		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
flucONAzole 200mg in 100mL infusion	■	Antifungal	Fungal infection		✓		
voriconazole 200mg infusion	■	Antifungal	Fungal endophthalmitis; keratitis		✓	Powder for solution diluted and injected intravitreally	
flucONAzole 200mg capsules	■	Antifungal	Fungal endophthalmitis, keratitis (Candida)		✓		
flucONAzole 50mg capsules	■	Antifungal					
flucONAzole 50mg in 5mL suspension	■	Antifungal					
flucYTosine 500mg tablets	■	Antifungal					
itraconazole 100mg capsules	■	Antifungal	Fungal keratitis (Aspergillus)		✓		
nystatin 100,000 units in 1mL suspension	■	Antifungal	Oral fungal infection		✓		
terBINafine 250mg tablets	■	Antifungal	Fungal infection		✓		
voriconazole 200mg tablets	■	Antifungal	Fungal Endophthalmitis, keratitis		✓	Sep 2003 Consultant only (Medical Retina or Vitreo-Retinal)	
voriconazole 50mg tablets	■	Antifungal					
miconazole 2% with hydrocortisone 1% cream	■	Antifungal	Fungal skin infection		✓		
miconazole 2% cream	■	Antifungal	Fungal skin infection		✓		MEH Anti-infective Guidelines

## Antiviral Infection

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
aciclovir 3% eye ointment	■	Antiviral	<i>Herpes simplex virus</i> - restricted use only; when ganciclovir 0.15% eye gel is contraindicated e.g. complicated pregnancy. Please refer to MEH Anti-infective Guidelines		✓		MEH Anti-infective Guidelines
ganciclovir 0.15% eye gel	■	Antiviral	<i>Herpes simplex virus</i> - 1 <sup>st</sup> line		✓		
triFLUorothymidine 1% eye drops	■	Antiviral	<i>Herpes simplex virus</i> - 2 <sup>nd</sup> line		✓		
foscarnet 24mg in 1ml injection	■	Antiviral	Cytomegalovirus retinitis		✓		MEH Anti-infective Guidelines;
ganciclovir 4.5mg intravitreal implant	■	Antiviral	<del>CMV retinitis in patients with AIDS and those who have undergone organ transplants or using immunosuppressive agents for collagen diseases.</del>		✓	April 2008	Guidelines for management of endophthalmitis, viral retinitis/acute retinal necrosis,
aciclovir 250mg injection	■	Antiviral	Acute retinal necrosis		✓		
aciclovir 500mg injection	■	Antiviral				✓	

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
aciclovir 200mg in 5mL sugar free suspension	■	Antiviral			✓		toxoplasma chorioretinitis, with guidance for sample processing
aciclovir 200mg tablets	■	Antiviral	Herpes simplex conjunctivitis, keratitis		✓		
aciclovir 400mg tablets	■	Antiviral	Herpes simplex conjunctivitis, keratitis; Bell's Palsy		✓		
aciclovir 800mg dispersible tablets	■	Antiviral	Acute Retinal Necrosis		✓		
famciclovir 250mg tablets	■	Antiviral			✓		
oseltamivir 12mg in 1mL oral suspension	■	Antiviral			✓		
oseltamivir 30mg capsules	■	Antiviral			✓		
oseltamivir 45mg capsules	■	Antiviral			✓		
oseltamivir 75mg capsules	■	Antiviral			✓		
valACiclovir 500mg tablets	■	Antiviral	Varicella Zoster Virus, Herpes Retinitis, Acute Retinal Necrosis; Bell's Palsy		✓	December 2006	MEH Anti-infective Guidelines; Cornea & External Disease Induction Manual
valGANciclovir 450mg tablets	■	Antiviral	CMV retinitis induction and maintenance treatment.		✓	April 2008	

## Tapeworm Infections

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
aBENdazole 400mg tablets	■	Anthelmintics	Microsporium (Used with Fumadil-B)		✓		MEH Anti-infective Guidelines

# Anti-inflammatory & Adjuncts

Corticosteroids

NSAIDs

Immunosuppressant

Immunomodulating

Antihistamines

## Corticosteroids

Cornea and External Disease Induction Manual  
Adnexal Service Handbook

Drug Name	P/L <sup>†</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
betamethasone 0.1% / neomycin 0.5% eye/ear/nose drops	■	Steroid	Uninfected inflammatory conditions of the anterior segment where development of bacterial infection is possible		✓		Moorfields Pharmacists Handbook; Cornea and External Disease Induction Manual; Adnexal Service Manual
betamethasone 0.1% eye ointment	■	Steroid	Inflammation in anterior segment; post-operatively to reduce inflammation		✓		
betamethasone 0.1% eye/ear/nose drops	■	Steroid			✓		
dexamethasone 0.1% eye drops	■	Steroid			✓		
dexamethasone 0.1% eye drops (preservative-free bottle)	■	Steroid			✓		
dexamethasone 0.1% single use eye drops	■	Steroid			✓		
dexamethasone 0.1% with neomycin 0.35% with polymyxin B sulphate 6,000 units in 1g eye ointment	■	Steroid		Uninfected inflammatory conditions of the anterior segment where development of bacterial infection is possible		✓	
dexamethasone 0.1% with neomycin 0.35% with polymyxin B sulphate 6,000 units in 1mL eye drops	■	Steroid			✓		
fluorometholone 0.1% eye drops	■	Steroid	Inflammation of the palpebral and bulbar conjunctiva, cornea and anterior segment of the globe		✓		
hydrocortisone sodium phosphate 0.335% eye drops	■	Steroid	(i) Treatment of mild non-infectious allergic or inflammatory conjunctival diseases. (licensed) (ii) Treatment of mild non-infectious allergic or inflammatory ocular surface diseases. (off-label) (iii) Minimising of ocular surface scar tissue formation. (off-label use)		✓	JFC approved September 2019	
hydrocortisone ointment 0.5%	■	Steroid	Atopic dermatitis	✓			NICE eczema
hydrocortisone ointment 1%							
hydrocortisone cream 0.5%							
hydrocortisone Cream 1%							

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
loTEPrednol etabonate 0.5% eye drops	■	Steroid	Inflammation in anterior segment		✓	DTC approved January 2010	Moorfields Pharmacists Handbook; Cornea and External Disease Induction Manual; Adnexal Service Manual
prednisolone 0.001% eye drops	■	Steroid			✓	Discontinued	
prednisolone 0.003% eye drops	■	Steroid			✓	Discontinued	
prednisolone 0.01% eye drops	■	Steroid			✓	Discontinued	
prednisolone 0.01% eye drops (preservative-free bottles)	■	Steroid			✓	Discontinued	
prednisolone 0.03% eye drops	■	Steroid			✓	Discontinued	
prednisolone 0.03% eye drops (preservative-free bottles)	■	Steroid			✓	Discontinued	
prednisolone 0.1% eye drops	■	Steroid			✓		
prednisolone 0.1% eye drops (preservative-free bottles)	■	Steroid			✓		
prednisolone 0.3% eye drops	■	Steroid			✓	Discontinued	
prednisolone 0.3% eye drops (preservative-free bottles)	■	Steroid			✓	Discontinued	
prednisolone 0.5% eye/ear drops	■	Steroid			✓		
prednisolone 0.5% single use eye drops	■	Steroid			✓		
prednisolone 1% eye drops	■	Steroid			✓		
<del>prednisolone 1% eye drops</del>	■	Steroid	Hypertensive uveitis		✓	Nov 2008 Discontinued	
dexamethasone 2mg tablets	■	Steroid			✓		
methyIPREDnisolone 2mg, 4mg, 16mg and 100mg tablets	■	Steroid	Multiple sclerosis associated optic neuritis, non-MS associated optic neuritis, chronic relapsing inflammatory optic neuropathy and chronic relapsing inflammatory optic neuropathy in neuromyelitis optica	✓	✓	May 2012 Formulary	NICE Multiple sclerosis
prednisolone 1mg tablets	■	Steroid	Systemic anti-inflammatory		✓		
prednisolone 2.5mg enteric-coated tablets	■	Steroid			✓		
prednisolone 25mg tablets	■	Steroid			✓		
prednisolone 5mg enteric-coated tablets	■	Steroid			✓		
prednisolone 5mg soluble tablets	■	Steroid			✓	October 2016 switched to oral solution	
prednisolone 5mg tablets	■	Steroid			✓		
prednisolone 1mg/mL oral solution	■	Steroid			✓		
beclometasone 50 microgram aqueous nasal spray	■	Steroid				✓	

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
betamethasone sodium phosphate 4mg in 1mL injection	■	Steroid			✓		
dexamethasone 0.7mg intravitreal implant	■	Steroid	Treatment of macular oedema following central retinal vein occlusion. Treatment of macular oedema following branch retinal vein occlusion when: treatment with laser photocoagulation has not been beneficial or treatment with laser photocoagulation is not considered suitable because of extent of macular haemorrhage. Treatment of adult patients with inflammation of the posterior segment of the eye presenting as non-infectious uveitis. DMO Non-infectious uveitis	✓	✓	July 2011; NCL JFC Jan 13	NICE Dexamethasone Intravitreal Implant Technology Appraisal; MEH Ozurdex (dexamethasone implant); NCL JFC Jan 13 Minutes NICE TA DMO NICE TA Non-infectious uveitis
dexamethasone 3.3mg in 1mL injection HOSPIRA	■	Steroid			✓		
dexamethasone base 3.3mg in 1mL injection	■	Steroid			✓		
dexamethasone base 4mg in 1mL injection	■	Steroid			✓		
dexamethasone phosphate 8mg in 2mL injection	■	Steroid			✓		
fluocinolone acetonide 190 mcg intravitreal implant	■	Steroid	Chronic diabetic macular oedema after an inadequate response to prior therapy. As per NICE TA 301  Preventing relapse in recurrent non-infectious uveitis affecting the posterior segment of the eye. As per NICE TA 590	✓	✓	NICE TA 301 Nov 2013 (replaced by NICE TA 953 March 2024)  NICE TA 590 July 2019	NICE Technology Appraisal
hydrocortisone sodium succinate 100mg injection	■	Steroid			✓		
methylPREDnisolone acetate 40mg in 1mL injection	■	Steroid			✓		
methylPREDnisolone sodium succinate 40mg injection	■	Steroid			✓		
methylPREDnisolone sodium succinate 500mg injection	■	Steroid	Multiple sclerosis associated optic neuritis, non-MS associated optic neuritis, chronic relapsing inflammatory optic neuropathy and chronic relapsing inflammatory optic neuropathy in neuromyelitis optica	✓	✓	May 2012 Formulary	NICE Multiple sclerosis
methylPREDnisolone sodium succinate 1g injection	■	Steroid		✓	✓		
triAMCinolone acetonide 40mg in 1mL injection (Kenalog®)	■	Steroid	A licensed product but used off-label in the following indications: Uveitic macular oedema refractory to other treatment modalities and diabetic macular oedema refractory to other treatment modalities. Progressive visual loss from macular oedema secondary to AMD, vascular occlusions and 'pseudo-phakic macula oedema' hypotony maculopathy'		✓	DTC approved October 2007 Consultant Only	Kenolog in Medical Retina Service
triAMCinolone acetonide 40 mg in 1 mL ophthalmic suspension injection (Intracinol®)	■	Steroid	A licensed medical device but used off-label in the prophylaxis and treatment of cystoid macular oedema (CMO) secondary to non-infectious uveitis			DTC approved August 2020 Uveitis Service	
difluprednate 0.05% eye drops	■	Steroid	Chronic macular oedema and uveitic macular oedema		✓	DTC Jan 2022	



## NSAIDS

Drug Name	P/L <sup>†</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
diclofenac sodium 0.1% single use eye drops	■	NSAIDs	(i) inhibition of peroperative miosis during cataract surgery (ii) Treatment of post-operative inflammation, pain and discomfort (iii) relief of ocular signs and symptoms of seasonal allergic conjunctivitis		✓		BNF 11.8; Moorfields Pharmacists Handbook
ketoROLac 0.5% eye drops	■	NSAIDs	(i) Prophylaxis and reduction of inflammation and associated symptoms following ocular surgery (licensed) (ii) Inflammation in the anterior segment (off-label)		✓		
diclofenac sodium 75mg in 3mL injection	■	NSAIDs			✓		
diclofenac sodium 100mg modified release tablets	■	NSAIDs	Pain and inflammation		✓		BNF 10.1.1; Moorfields Pharmacists Handbook
diclofenac sodium 25mg enteric coated tablets	■	NSAIDs			✓		
diclofenac sodium 50mg dispersible tablets	■	NSAIDs			✓		
diclofenac sodium 50mg enteric coated tablets	■	NSAIDs			✓		
diclofenac sodium 100mg suppositories	■	NSAIDs			✓		
diclofenac sodium 12.5mg suppositories	■	NSAIDs			✓		
diclofenac sodium 25mg suppositories	■	NSAIDs			✓		
diclofenac sodium 50mg suppositories	■	NSAIDs			✓		
ibuprofen 400mg tablets	■	NSAIDs			✓		
meFENamic acid 250mg capsules	■	NSAIDs			✓		
flurbiprofen 50mg coated tablets	■	NSAIDs			✓		
meLOXicam 15mg tablets	■	NSAIDs			✓		
naPROxen 250mg tablets	■	NSAIDs			✓		
piroxicam 20mg tablets	■	NSAIDs			✓		

## Immunosuppressant

### Cornea and External Disease Induction Manual

#### Adnexal Service Handbook

Drug Name	P/L <sup>†</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
ciclosporin 0.2% eye ointment	■	Immunosuppressive	1. Severe allergic eye disease: Atopic Keratoconjunctivitis (AKC) & Vernal Keratoconjunctivitis (VKC) (off-label but approved for use in primary care by NCL JFC) 2. Dry Eye Disease (DED)/ Keratoconjunctivitis Sicca (KCS) 3. Blepharo-keratoconjunctivitis (BKC) / Ocular Rosacea (off-label but approved for use in primary care by NCL JFC) 4. Thygeson's keratitis & Chronic graft versus host disease (off-label but approved for use in primary care by NCL JFC)		✓	DTC approved July 2012 JFC approved Oct 2015	Moorfields Pharmacists Handbook  NCL MON Ciclosporin Eye Preparations Factsheet
ciclosporin 1mg/mL eye drops (IKERVIS®)	■	Immunosuppressive					
ciclosporin 1mg/mL eye drops (VERKAZIA®) licensed in paediatrics	■	Immunosuppressive	1. Severe Vernal Keratoconjunctivitis (VKC) in children from 4 years of age and adolescents 2. Severe Atopic Keratoconjunctivitis (AKC) (off-label) 3. Dry Eye Disease (DED)/ Keratoconjunctivitis Sicca (KCS) (off-label) 4. Blepharo-keratoconjunctivitis (BKC) / Ocular Rosacea (off-label) 5. Thygeson's keratitis & Chronic graft versus host disease (off-label)		✓	DTC approved Feb 2019	NCL MON Ciclosporin Eye Preparations Factsheet
azathioprine 25mg tablets	■	Immunosuppressive	Non-infectious intermediate, posterior or pan-uveitis and retinal vasculitis. Necrotising scleritis (initially often cyclophosphamide needed to establish control). Non-necrotising scleritis.		✓		Cornea and External Disease Induction Manual page 123
azathioprine 50mg tablets	■	Immunosuppressive					
ciclosporin 100mg capsules	■	Immunosuppressive	Steroid sparing agent. Uveitis, scleritis: Intermediate, posterior or pan-uveitis and retinal vasculitis of non-infectious origin, refractory non-infectious childhood uveitis. Non-necrotising scleritis, necrotizing, keratolysis, ulcerative keratitis.		✓		Cornea and External Disease Induction Manual page 135
ciclosporin 100mg in 1mL solution	■	Immunosuppressive					
ciclosporin 25mg capsules	■	Immunosuppressive					
ciclosporin 50mg capsules	■	Immunosuppressive	Atopic keratoconjunctivitis, atopic sclerokeratitis, vernal keratoconjunctivitis, ligneous keratoconjunctivitis, Thygeson's superficial punctate keratitis. Rheumatoid corneal melt and corneal melt associated with other causes of systemic vasculitis. Mooren's ulcer. Acanthamoeba sclerokeratitis. High risk PK.  Thyroid eye disease and Idiopathic orbital inflammation.		✓		
cyclophosphamide 50mg tablets	■	Immunosuppressive	Necrotising scleritis, rarely for the management of uveitis in younger patients; destructive corneal disease, ocular cicatricial pemphigoid, idiopathic orbital inflammation, Wegener's granulomatosis and Thyroid eye disease: probably not favourable.		✓		Cornea and External Disease Induction Manual 164

methoTREXate 2.5mg tablets	■	Immunosuppressive	Uveitis	✓	Jan 2011	Medical Retina Service Guidelines page 64; Policy for Oral Methotrexate
methoTREXate 2mg/mL solution	■	Immunosuppressive		✓	Aug 2023 DTC	
methoTREXate 7.5mg in 0.15mL pen	■	Immunosuppressive	Macular oedema in uveitis patients who cannot have steroids			
methoTREXate 10mg in 0.2mL pen	■	Immunosuppressive				
methoTREXate 12.5mg in 0.25mL pen	■	Immunosuppressive				
methoTREXate 15mg in 0.3mL pen	■	Immunosuppressive		✓		BNOS Guideline PCNSL
methoTREXate 17.5mg in 0.35mL pen	■	Immunosuppressive				
methoTREXate 20mg in 0.4mL pen	■	Immunosuppressive				
methoTREXate 22.5mg in 0.45mL pen	■	Immunosuppressive				
methoTREXate 25mg in 0.5mL pen	■	Immunosuppressive				
methoTREXate 27.5mg in 0.55mL pen	■	Immunosuppressive				
methoTREXate 30mg in 0.6mL pen	■	Immunosuppressive				
methoTREXate 50mg in 1mL pen	■	Immunosuppressive				
mycophenolate mofetil 250mg capsules	■	Immunosuppressive		Steroid sparing agent. Uveitis, Scleritis: Limited experience, mycophenolate has been used for JIA associated uveitis, non-infectious intermediate-, posterior- or panuveitis and retinal vasculitis as well as for different types of scleritis.	✓	
mycophenolate mofetil 500mg tablets	■	Immunosuppressive	✓			MHRA Drug Safety Update: new pregnancy-prevention advice for women and men
mycophenoLIC acid 360mg tablets	■	Immunosuppressive	✓			
mycophenolate mofetil 1g in 5mL suspension	■	Immunosuppressive	✓			
sirolimus 1mg tablets	■	Immunosuppressive	Corneal allograft recipients at high risk of rejection, in whom calcineurin antagonists are not tolerated or ineffective in prevention of rejection.	✓	Dec 2004	Cornea and External Disease Induction Manual page 194
sulfasalazine	■	Immunosuppressive	Pemphigoid	✓		Cornea and External Disease Induction Manual page 60
tacrolimus 1mg capsules	■	Immunosuppressive	Steroid sparing agent and uveitis, scleritis (sight-threatening uveitis of non-infectious origin – including non respondersto cyclosporine or cannot tolerate side effects.	✓		Cornea and External Disease Induction Manual page 181
tacrolimus 500 microgram capsules	■	Immunosuppressive		✓		

tacrolimus 5mg capsules	■	Immunosuppressive			✓		
tacrolimus 0.03%/0.1% ointment	■	Immunosuppressive	Ocular surface application for vernal keratoconjunctivitis or atopic keratoconjunctivitis. Steroid sparing agent in patients with atopic eye conditions in patients who are either intolerant or unresponsive to topical ciclosporin		✓		To be initiated by external disease consultant only
			Use on skin including face and lid for atopic dermatitis	✓			Preparation Is not sterile Nice TA [TA 82]

## Miscellaneous

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
interferon alfa-2a 1 million units in 1mL eye drops	■	Immunomodulating	Corneal and conjunctival intraepithelial neoplasias		✓	DTC approved May 2012	
Adalimumab 40mg solution for injection	■	Cytokine modulator	Posterior uveitis Non-infectious uveitis		✓	Sep 2013 JFC NICE TA July 2017	NICE TAG460 Non-infectious uveitis
Infliximab solution for infusion	■	Cytokine modulator	Acute or chronic refractory ocular inflammation in patients non-responsive to systemic immunosuppressive treatment (unlicensed indication). Orbital inflammation and severe corneal and conjunctival inflammatory disease (unlicensed indication).		✓	April 2008 DTC & Nov 2009 DTC  Not to be administered at MEH	
Infliximab pre-filled pen	■	Cytokine modulator	Acute or chronic refractory ocular inflammation in patients non-responsive to systemic immunosuppressive treatment (unlicensed indication). Orbital inflammation and severe corneal and conjunctival inflammatory disease (unlicensed indication).		✓	July 2021 DTC Subcutaneous injection	
Rituximab	■	Cytokine modulator	Mucus membrane pemphigoid		✓	DTC Jan 2015	IV administration at St Thomas
			Posterior uveitis, scleritis and refractory panuveitis		✓	DTC April 2018	
			Vitreoretinal lymphoma		✓	DTC July 2021	Intravitreal
Tocilizumab solution for infusion	■	Cytokine modulators	Posterior uveitis, scleritis and refractory panuveitis		✓	DTC April 2018	IV administration at St Thomas
Tocilizumab solution for injection	■	Cytokine modulators	Posterior uveitis, scleritis and refractory panuveitis		✓	DTC April 2018	

## Antihistamines

### Cornea and External Disease Induction Manual

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source	
emedastine 0.05% eye drops	■	Antihistamine	Seasonal allergic conjunctivitis		✓		BNF 11.1.1; Moorfields Pharmacists Handbook <i>page 132</i>	
loDOXamide 0.1% eye drops	■	Antihistamine	Allergic conjunctivitis		✓			
ketotifen 0.25mg in 1mL single use eye drops	■	Antihistamine	Seasonal allergic conjunctivitis as a second line after olopatadine in those allergic to preservatives		✓	DTC April 2019 JFC July 2019		
nedocromil sodium 2% eye drops	■	Antihistamine	Allergic conjunctivitis; vernal keratoconjunctivitis		✓	Discontinued		
olopatadine 1mg in 1mL eye drops	■	Antihistamine	Seasonal allergic conjunctivitis		✓	Approved June 2003		
sodium CROMoglycate 2% eye drops	■	Antihistamine	Allergic conjunctivitis; vernal keratoconjunctivitis		✓		BNF 11.1.1; Moorfields Pharmacists Handbook <i>page 132</i>	
sodium CROMoglycate 2% eye drops (preservative free bottle)	■	Antihistamine				✗		No longer available
sodium CROMoglycate 2% single use eye drops	■	Antihistamine				✓		DTC July 2010
cetirizine 10mg tablets	■	Antihistamine	Symptomatic relief of allergy such as hay fever, chronic idiopathic urticaria		✓		BNF 3.4	
cetirizine 5mg in 5mL solution	■	Antihistamine				✓		
chlorPHEnamine 2mg in 5mL syrup	■	Antihistamine	Symptomatic relief of allergy such as hay fever, urticaria		✓			
chlorPHEnamine 4mg tablets	■	Antihistamine				✓		
chlorPHEnamine 10mg in 1mL injection	■	Antihistamine	Emergency treatment of anaphylactic reactions	✓	✓			
loraTIDine 10mg tablets	■	Antihistamine	Symptomatic relief of allergy such as hay fever, chronic idiopathic urticaria		✓		BNF 3.4.1, 4.1.1 & 4.6; Emergency treatment of anaphylactic reactions; NICE CG134	
proMETHazine 10mg tablets	■	Antihistamine	Symptomatic relief of allergy such as hay fever, urticaria; emergency treatment of anaphylactic reactions; sedation; nausea and vomiting	✓	✓			
proMETHazine 25mg tablets	■	Antihistamine			✓	✓		
proMETHazine 5mg in 5mL elixir	■	Antihistamine			✓	✓		
proMETHazine 25mg in 1mL injection	■	Antihistamine			✓	✓		

# Glaucoma

## NICE Glaucoma Guidelines Glaucoma Service Handbook

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
acetazolamide 250mg in 5mL suspension	■	Glaucoma	Open and narrow angle glaucoma		✓		
acetazolamide 250mg modified release capsules	■	Glaucoma			✓		
acetazolamide 250mg tablets	■	Glaucoma			✓		
acetazolamide 500mg injection	■	Glaucoma	Primary acute angle closure. Open and narrow angle glaucoma		✓		
apraclonidine 0.5% eye drops	■	Glaucoma	Short-term reduction of elevated intraocular pressure in chronic open angle glaucoma; some patients may benefit from long term use. Used in maximum tolerated therapy to delay surgery or laser therapy. Horner's Syndrome test		✓		Glaucoma Service Handbook;
apraclonidine 1% eye drops single use eye drops	■	Glaucoma	To lower intraocular pressure in patient: Uncontrolled intraocular pressure (IOP) on maximum medical treatment; Allergy to preservatives in eye drops; Visual acuity less than 6/60 in fellow eye; Ocular surface disease or previous corneal surgery; High risk of surgical morbidity; Patient unwilling to undergo glaucoma surgery		✓	January 2012 DTMMC Initiation by Consultant Only	
betAXOlol 0.25% eye drops	■	Glaucoma	Open angle glaucoma & ocular hypertension	✓	✓		NICE Glaucoma Guidelines; Glaucoma Service Handbook
betAXOlol 0.25% single use eye drops	■	Glaucoma		✓	✓		
bimatoprost 0.03% with timolol 0.5% eye drops	■	Glaucoma		✓	✓	DTC Sep 2007	
bimatoprost 0.03% with timolol 0.5% single use eye drops	■	Glaucoma					
bimatoprost 0.1mg in 1mL eye drops	■	Glaucoma		✓	✓	July 2010 DTC	
bimatoprost 0.3mg in 1mL eye drops	■	Glaucoma		✓	✓	Not available	
bimatoprost 0.3mg in 1mL single use eye drops	■	Glaucoma		✓	✓	Joint Formulary Committee Apr 2013	
brimonidine 0.2% eye drops	■	Glaucoma		✓	✓		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
brimonidine 0.2% with brinzolamide 1% eye drops	■	Glaucoma		✓	✓	Aug 2015 DTC	
brimonidine 0.2% with timolol 0.5% eye drops	■	Glaucoma		✓	✓	Sep 2005 DTC	
brinzolamide 1% with timolol 0.5% eye drops	■	Glaucoma		✓	✓	July 2009 DTC	
briNZOLamide 10mg in 1mL eye drops	■	Glaucoma		✓	✓		
<del>carTEOLOl 1% eye drops</del>	■	<del>Glaucoma</del>		✗	✗		Discontinued March 2017
<del>carTEOLOl 2% eye drops</del>	■	<del>Glaucoma</del>		✗	✗		Discontinued March 2017
dorzolamide 2% eye drops	■	Glaucoma		✓	✓		
dorzolamide 2% single use eye drops	■	Glaucoma		✓	✓	Feb 2005 DTC	
dorzolamide 2% preservative-free multidose bottle	■	Glaucoma		✓	✓		
dorzolamide 2% with timolol 0.5% eye drops	■	Glaucoma		✓	✓	Feb 2005 DTC	
dorzolamide 2% with timolol 0.5% single use eye drops	■	Glaucoma		✓	✓		
dorzolamide 2% with timolol 0.5% preservative-free multidose bottle	■	Glaucoma		✓	✓		
glycerol 50% oral solution	■	Glaucoma		Short-term reduction of elevated intraocular pressure in angle-closure glaucoma		✓	
latanoprost 0.005% eye drops	■	Glaucoma	Open angle glaucoma & ocular hypertension	✓	✓	December 2006 Prescriptions signed by Consultant staff within the Glaucoma Service only	
latanoprost 0.005% single use eye drops	■	Glaucoma		✓	✓	Joint Formulary Committee Apr 2013	
latanoprost 0.005% with timolol 0.5% eye drops	■	Glaucoma		✓	✓	December 2006 (Consultant's signature only)	
latanoprost 0.005% with timolol 0.5% single use eye drops	■	Glaucoma		✓	✓	August 2019 DTC	
latanoprost 0.005% with netarsudil 0.02% eye drops	■	Glaucoma			✓	August 2023 DTC	
<del>levoBUNolol 0.5% eye drops</del>	■	Glaucoma		✓	✓	Discontinued	
levoBUNolol 0.5% single use eye drops	■	Glaucoma		✓	✓		
mannitol 10% infusion	■	Glaucoma		✓			

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source	
mannitol 20% infusion	■	Glaucoma	Rapid reduction of elevated intraocular pressure especially during acute angle closure		✓			
Pilocarpine 0.1% eye drops	■	Glaucoma						
<del>pilocarpine 0.25% eye drops</del>	■	Glaucoma	Open angle and other forms of chronic glaucoma		✓			
pilocarpine 1% eye drops	■	Glaucoma	Open angle and other forms of chronic glaucoma	✓	✓			
<del>pilocarpine 1% eye drops (preservative-free bottle)</del>	■	Glaucoma			✓			
pilocarpine 2% eye drops	■	Glaucoma			✓	✓		
<del>pilocarpine 2% eye drops (preservative-free bottle)</del>	■	Glaucoma				✓		
pilocarpine 2% single use eye drops	■	Glaucoma			✓	✓		
pilocarpine 4% eye drops	■	Glaucoma			✓	✓		
<del>pilocarpine 4% eye drops (preservative-free bottle)</del>	■	Glaucoma		Open angle and other forms of chronic glaucoma		✓		
pilocarpine 6% eye drops	■	Glaucoma				✓		
<del>pilocarpine 6% eye drops (preservative-free bottle)</del>	■	Glaucoma				✓		
timolol 0.1% eye drops single use eye gel	■	Glaucoma	Open angle glaucoma & ocular hypertension		✓	✓		
timolol 0.25% eye drops	■	Glaucoma	Open angle glaucoma & ocular hypertension. Sublingually in patients with an osteo-odonto-keratoprosthesis (OOKP) to control intraocular pressure where intra-ocular pressure cannot be measured accurately and desired effect is not achieved from topical therapy	✓	✓			
<del>timolol 0.25% eye drops (preservative free bottle)</del>	■	Glaucoma				✓	Eysano	
timolol 0.25% eye gel (LA)	■	Glaucoma	Open angle glaucoma & ocular hypertension	✓	✓			
<del>timolol 0.25% single use eye drops</del>	■	Glaucoma			✓	✓		
timolol 0.5% eye gel (LA)	■	Glaucoma			✓	✓		
<del>timolol 0.5% single use eye drops</del>	■	Glaucoma	Open angle glaucoma & ocular hypertension	✓	✓			
travoprost 0.04% with timolol 0.5% eye drops	■	Glaucoma			✓	✓	DTC Sep 2007	
travoprost 40 microgram in 1mL eye drops	■	Glaucoma			✓	✓		
travoprost 40 microgram in 1mL single use eye drops	■	Glaucoma				✓	DTC Aug 2023	



# Mydriatic & Vasoconstrictor

## Mydriatic

## Vasoconstrictor

### Mydriatic

Drug Name	P/L <sup>1</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
atropine 0.1% eye drops	■	Mydriatic	To slow myopia progression in children and young people		✓	No longer available	DTMMC September 2019
atropine 0.05% eye drops	■	Mydriatic			✓	Added by Chair's actions	Updated formulary request provided 4 <sup>th</sup> August 2020
atropine 0.01% eye drops	■	Mydriatic			✓		DTMMC September 2019
atropine 1% eye drops	■	Mydriatic	Mydriasis and cycloplegia; Refraction in children; Occlusion. To relieve severe pain due to ciliary muscle spasm e.g. painful blind eye		✓		Moorfields Pharmacists Handbook
atropine 1% eye drops (preservative free bottle)	■	Mydriatic			✗	No longer available	
atropine 1% single use eye drops	■	Mydriatic			✓		
cyclopentolate 0.5% eye drops	■	Mydriatic	Mydriasis and cycloplegia		✓		Moorfields Pharmacists Handbook
cyclopentolate 0.5% single use eye drops	■	Mydriatic			✓		
cyclopentolate 1% eye drops	■	Mydriatic			✓		
cyclopentolate 1% eye drops (preservative free bottle)	■	Mydriatic			✗	No longer available	
cyclopentolate 1% single use eye drops	■	Mydriatic			✓		
homatropine 1% eye drops	■	Mydriatic			✗	No longer available	
homatropine 1% eye drops (preservative free bottle)	■	Mydriatic			✗	No longer available	
homatropine 2% eye drops	■	Mydriatic			✗	No longer available	
homatropine 2% eye drops (preservative free bottle)	■	Mydriatic			✗	No longer available	
hyoscine 1/2% eye drops	■	Mydriatic			✗	No longer available	
hyoscine 1/8% eye drops	■	Mydriatic			✗	No longer available	

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
Mydrane [Contains tropicamide 0.2mg/ml + phenylephrine 3.1 mg/ml + lidocaine 10mg/ml] solution for injection	■	Mydriatic	Rapid dilation prior to cataract surgery, when home dilation has not resulted in adequate mydriasis  Intracameral anaesthesia			Added by Chair's actions as COVID-19 recovery decision  Approved by Chair's actions following cost impact evaluation (5 <sup>th</sup> June 2024)	
Mydriaserit ophthalmic insert	■	Mydriatic	Maximal pupil dilation pre surgery		✓		
Mydracaine No.1 [Contains procaine hydrochloride 3mg, atropine sulphate 0.5mg, adrenaline acid tartrate 108 micrograms]	■	Mydriatic	Treatment of paediatric patients: Rapid dilation of the pupil. Maximal dilation of the pupil in uveitis and iritis.		✓		
Mydracaine No.2 [Contains procaine hydrochloride 6mg, atropine sulphate 1mg, adrenaline acid tartrate 216 micrograms]	■	Mydriatic	Treatment of adult patients. Rapid dilation of the pupil. Maximal dilation of the pupil in uveitis and iritis.		✓		
phenylephrine 2.5% single use eye drops	■	Mydriatic	Mydriasis for diagnostic or surgical procedures		✓		
phenylephrine 10% single use eye drops	■	Mydriatic			✓		
phenylephrine 0.6% intracameral injection	■	Mydriatic			✓	November 2010	
phenylephrine 2.5% eye drops	■	Mydriatic			✓	No longer available	
phenylephrine 5% eye drops	■	Mydriatic			✓	No longer available	
tropicamide 0.5% eye drops single use eye drops	■	Mydriatic				✓	
tropicamide 1% eye drops	■	Mydriatic	Mydriasis and cycloplegia			✓	
tropicamide 1% eye drops single use eye drops	■	Mydriatic				✓	

## Vasoconstrictor

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
adrenaline 0.01% eye drops	■	Vasoconstrictor	Vasoconstrictor. To prevent rapid loss of sub-conjunctival injections into the systemic circulation. To control bleeding during surgery		✓		
adrenaline 0.1% eye drops	■	Vasoconstrictor			✓		
ephedrine 0.5% nose drops							
xylometazoline 0.05% nose drops	■	Vasoconstrictor			✓		
xylometazoline 0.1% nasal spray	■	Vasoconstrictor			✓		

# Cytotoxic

Moorfields Pharmacist Handbook  
 Cornea and External Disease Induction Manual  
 Glaucoma Service Handbook

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
5-fluoroURAcil 1% eye drops	■	Cytotoxic	Corneal and conjunctival intraepithelial neoplasias/squamous cell carcinoma – second line after interferon eye drops		✓	April 2019 DTC	
fluoroURAcil 10mg in 0.2ml syringe	■	Cytotoxic	Post trabeculectomy, when indicated (inhibit cellular proliferation and reduce scarring post-op)		✓		Moorfields Pharmacists Handbook
fluoroURAcil 250mg in 10mL injection	■	Cytotoxic			✓		
fluoroURAcil 500mg in 10mL injection	■	Cytotoxic			✓		
methoTRESate 800 microgram in 0.2mL intravitreal injection	■	Cytotoxic	Primary intraocular lymphoma		✓		
mitoMYCin 0.02% eye drops	■	Cytotoxic	Laser surgery. Minimises/eradicates post-op haze and scar formation		✓		
mitoMYCin 0.04% eye drops	■	Cytotoxic	Conjunctival or corneal squamous cell carcinoma		✓		
mitoMYCin 2mg injection	■	Cytotoxic	<b>Intro-operative use, for long-term pressure control. Restricted use.</b>		✓		
mitoMYCin 0.2 mg per mL pre-filled syringe	■	Cytotoxic					
mitoMYCin 0.4 mg per mL pre-filled syringe	■	Cytotoxic					
tretinoin 0.05% eye drops	■	Cytotoxic	Squamous metaplasia and keratinisation of the conjunctiva		✓	Not currently available	

# Ocular Lubricants & Other Eye Drop Preparations

*Ocular Lubricant*

*Others*

## Ocular Lubricants

MEH Guideline for Ocular Lubricants

Drug Name	P/L <sup>†</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
acetylCYSteine 5% eye drops	■	Tear Film Substitute	Tear deficiency, impaired or abnormal mucus production		✓		BNF 11.8.1; MEH Guideline for Ocular Lubricants; Moorfields Pharmacist Handbook <i>page 35</i>
acetylCYSteine 10% eye drops (preservative-free bottle)	■	Tear Film Substitute	Tear deficiency, impaired or abnormal mucus production		✓		
carbomer 0.2% eye gel	■	Tear Film Substitute	Dry eyes including keratoconjunctivitis sicca, unstable tear film		✓		
carMELlose 0.5% preservative free eye drops	■	Tear Film Substitute	Dry eye conditions		✓		
carMELlose 1% preservative free eye drops	■	Tear Film Substitute	Dry eye conditions		✓		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
carMELlose sodium 0.5% with glycerine 0.9% eye drops	■	Tear Film Substitute	Dry eye conditions For artificial eyes		✓	Jan 2012 DTMMC	
hydroxypropyl guar eye drops	■	Tear Film Substitute			✓	July 2010 DTMMC	
hypromellose 0.3% eye drops	■	Tear Film Substitute	Tear deficiency		✓		
hypromellose 0.3% preservative free eye drops	■	Tear Film Substitute			✓		
hypromellose 0.3% single use eye drops	■	Tear Film Substitute			✓		
hypromellose 0.3% with dextran '70' 0.1% eye drops	■	Tear Film Substitute			✓		
light liquid paraffin eye drops	■	Tear Film Substitute	Dry eye conditions		✓		
paraffin eye ointment with vitamin A	■	Tear Film Substitute	Lubricate the eye surface, especially in cases of recurrent corneal epithelial erosion		✓		
paraffin eye ointment lanolin free	■	Tear Film Substitute	Ocular Lubricant & protection of the ocular surface (lanolin allergy)		✓		
polyvinyl alcohol 1.4% eye drops (preservative free bottle)	■	Tear Film Substitute	Tear deficiency		✓	No longer available	
polyvinyl alcohol 1.4% single use eye drops	■	Tear Film Substitute	Tear deficiency		✓		
simple eye ointment	■	Tear Film Substitute	Lubricate the eye surface, especially in cases of recurrent corneal epithelial erosion		✓		
sodium chloride 0.9% eye drops	■	Tear Film Substitute	Irritation, including first-aid removal of harmful substances		✓	No longer available	
sodium chloride 0.9% single use eye drops	■	Tear Film Substitute	Irritation, including first-aid removal of harmful substances		✓		
sodium hyaluronate 0.1% eye drops	■	Tear Film Substitute	Dry eye conditions		✓		
sodium hyaluronate 0.15% with trehalose 3% eye drops	■	Tear Film Substitute	Second line option in severe Dry eye conditions		✓	JFC August 2019	
sodium hyaluronate 0.15% single use eye drops	■	Tear Film Substitute			✓	DTC July 2012	
sodium hyaluronate 0.2% eye drops	■	Tear Film Substitute			✓	DTC July 2011	
sodium hyaluronate 0.15% with trehalose 3% and carbomer 0.25% single use eye gel	■	Tear Film Substitute	Dry eye conditions (Restricted: for scleral lens wearers only)		✓	JFC August 2019	
sodium hyaluronate 0.15% with Xanthan gum 1% single use eye GEL	■	Tear Film Substitute	Dry eye conditions (Restricted: for scleral lens wearers only)		✓	DTC July 2013 No longer available	

## *Others*

Cornea and External Disease Induction Manual

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
cyanoacrylate glue	■	Other	Plugs corneal perforations, whilst awaiting donor material		✓		
disodium edetate 0.37% eye drops	■	Other	Collagenase inhibitor		✓		Moorfields Pharmacist Handbook page 146
disodium edetate 0.37% or 0.4% lotion	■	Other	Chelating agent as an aid to calcified corneal plaque removal		✓		Moorfields Pharmacist Handbook page 146
disodium edetate 4% solution	■						
ethanol 20% sterile solution	■	Other			✓		
ethanol 70% solution for donor eyes	■						
ethanol absolute sterile solution							
glycerol 15% eye drops	■						
glycerol 50% eye drops	■	Other	Clearing corneal oedema		✓		Moorfields Pharmacist Handbook page 135
heparin 5,000u/mL eye drops	■						
hyaluronidase 1,500 units injection	■	Other			✓		
insulin (soluble) eye drops 1iu/mL	■	Other	A special product of 1 unit of short acting insulin (Humulin S) in 1mL ocular lubricant (Systane®), used in: Persistent epithelial defect in refractory patients who have failed to respond to standard care and second line therapies, or following documented intolerance to primary or second line therapies.			DTC approved July 2020	
pilocarpine 0.1% eye drops	■	Other	Diagnostic test for Holmes Adie or tonic pupil		✓		Moorfields Pharmacist Handbook page 95
pilocarpine 5mg tablets	■	Other	Dry eyes		✓		BNF 12.3.5
potassium ascorbate 10% eye drops	■	Other	Acid & alkali burns to the cornea		✓		Moorfields Pharmacist Handbook page 52; Cornea and External Disease Induction Manual
sodium chloride 5% preservative free eye drops	■	Other	Reduce corneal oedema		✓		Moorfields Pharmacist Handbook page 135
sodium chloride 5% eye ointment	■	Other	Recurrent corneal erosions		✓		
sodium citrate 10.11% eye drops	■	Other	Acid & alkali burns to the cornea		✓		Moorfields Pharmacist Handbook page 52; Cornea and External Disease Induction Manual
eacicol® Poly (carboxymethyl)glucose sulfate	■	Medical device	Treatment of non-healing corneal ulcers/ persistent epithelial defects Restricted: Corneal service only MEH to supply			Discontinued Dec 2019	
Tisseel ready to use solutions for sealant	■						
trichloroacetic acid	■						

# Neovascularisation

Drug Name	P/L <sup>1</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
aflibercept 40mg in 1mL injection	■	AntiVEGF	wet AMD Macular oedema secondary by CRVO/BRVO DMO Myopic CNV	✓	✓	Joint Formulary Committee Feb 2013 NICE TA Feb 2014 NICE TA July 2015 NICE TA September 2016 NICE TA November 2017	NICE AMD Technology Appraisal NICE MO CRVO TA NICE MO BRVO TA NICE TA DMO NICE mCNV TA Medical Retina service induction manual 2017; Intravitreal Service Guidelines for the treatment of AMD
bevacizumab 1.25mg in 0.05mL syringe	■	AntiVEGF	Neovascular glaucoma (DTC June 2008/NCL JFC January 2017) AMD related CNV (DTC September 2009) Non-AMD CNV (DTC Sep 2009) CNV secondary to parafoveal telangiectasia (DTC Aug 2023) Trabeculectomy surgery [sub-conjunctival] (DTC Jan 2015) Retinopathy of prematurity (NCL JFC Feb 2015) – not administered at MEH Familial Exudative Vitreoretinopathy (FEVR) and Coats' disease (DTC November 2015) Pre-operative adjunct to diabetic vitrectomy (DTC January 2017) Submacular haemorrhage Radiation retinopathy (DTC March 2021) Bevacizumab for eyes with late wet AMD and visual acuity better than 6/12 (NCL JFC July 2021)		✓	November 2009 DTC	Intravitreal Service Guidelines for the treatment of AMD
bevacizumab 5mg in 0.2mL syringe	■	AntiVEGF	Bevacizumab sub-conjunctival injection - corneal neovascularisation		✓	DTC Oct 2011	Intravitreal Service Guidelines for the treatment of AMD
raniBIZumab 10mg in 1mL injection	■	AntiVEGF	wet AMD DMO RVO CNV (Pathological myopia )	✓	✓	Oct 2012	NICE Macular oedema (diabetic) Technology Appraisal; NICE AMD Technology Appraisal; Medical Retina service induction manual 2017; Intravitreal Service Guidelines for the treatment of AMD; NICE Macular oedema (retinal vein occlusion Technology Appraisal NICE CNV (pathological myopia) Technology Appraisal



Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
verTEPorfin 15mg infusion	■	Dye	Wet AMD; chronic serous retinopathy; choroidal haemangioma	✓	✓	December 2007	NICE TA Macular degeneration (age-related) Intravitreal Service Guidelines for the treatment of AMD
brolocizumab 120 mg/ml injection	■	AntiVEGF	Wet AMD DMO	✓	✓	February 2021	NICE TA (TA672) NICE AMD guideline NICE TA (TA820)
faricimab 120 mg/ml injection	■	AntiVEGF	DMO Wet AMD	✓	✓	June 2022	NICE TA (TA799) NICE TA (TA800)

# Neurological

*Botulinum*

*Systemic*

## Botulinum

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
botulinum A toxin 100 units injection (BOTOX)	■	Neuro	blepharospasm; hemifacial spasm		✓		BNF 4.9.3; Botulinum Toxin Policy
botulinum A toxin 500 units injection (DYSPORT)	■	Neuro	Protective ptosis & squint; blepharospasm; hemifacial spasm		✓	DTC Oct 2003 Strabismus service	BNF 4.9.3; Botulinum Toxin by Adnexal Nurse Specialist; Corneal and External Disease Induction Manual; Adnexal Service Manual; Botulinum Toxin Policy
botulinum A toxin 50 units injection (XEOMIN)	■	Neuro	First line (Adnexal) blepharospasm; hemifacial spasm		✓	July 2012 blepharospasm and hemifacial spasm	BNF 4.9.3
botulinum B toxin (NEUROBLOC)	■	Neuro	Non-responders to Type A toxin (Adnexal)		✓	July 2012 blepharospasm and hemifacial spasm	BNF 4.9.3

## Systemic

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
amitriptyline 10mg tablets	■	Antidepressants	Neuropathic pain; post-herpetic neuralgia		✓		BNF 4.3.1
amitriptyline 25mg tablets	■	Antidepressants			✓		
amitriptyline 50mg tablets	■	Antidepressants			✓		
gabapentin 100mg capsules	■	Anticonvulsant	Neuropathic pain; post-herpetic neuralgia		✓		BNF 4.8.1
gabapentin 300mg capsules	■	Anticonvulsant			✓		
meLATonin 2mg tablets	■	Hypnotic	Circadian sleep disorders in the blind		✓		
preGABalin 25mg capsules	■	Anticonvulsant	Neuropathic pain; post-herpetic neuralgia		✓		BNF 4.8.1
pyridostigmine 60mg tablets	■	Anticholinesterase			✓		

# Diagnostic & Surgical

<a href="#">Dye</a>	<a href="#">Antiseptic</a>	<a href="#">Irrigation</a>	<a href="#">General Anaesthesia &amp; Gases</a>	<a href="#">Local Anaesthetic</a>	<a href="#">Viscosurgical</a>	<a href="#">Surgical (Other)</a>
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## Dye

Drug Name	P/L*	Drug Class	Formulary Indication	N*	L*	Comments	Source
brilliant blue G 0.125mg in 0.5mL syringe	■	Dye	Diagnostic examinations		✓		Moorfields Pharmacist Handbook page 45
fluorescein sodium 2% single use eye drops	■	Dye			✓		
trypan blue 0.15% with brilliant blue G 0.025% injection	■	Dye			✓		
fluorescein 10% injection	■	Dye	Ophthalmic angiography including examination of the fundus and iris vasculature, sclera and episclera		✓		Moorfields Pharmacist Handbook page 4; Adult IV Fluorescein Angiography Policy; Paediatric IV Fluorescein Angiography Policy
fluorescein sodium 20% injection	■	Dye			✓		
indocyanine green 25mg injection	■	Dye	Ophthalmic angiography of choroidal vasculature		✓		Adult IV ICG Angiography Policy
methylene blue 10mg/mL ampoule							
trypan blue 0.06% injection	■	Dye	Diagnostic examinations		✓	August 2003	

## Antiseptic

Drug Name	P/L*	Drug Class	Formulary Indication	N*	L*	Comments	Source
chlorhexidine 0.015% cetrimide 0.15% sachets	■	Antiseptic	Skin disinfection		✓		BNF 13.11.2
hydrogen peroxide 6% solution	■	Antiseptic	For skin disinfection, particularly cleansing and deodorising wounds and ulcers		✓		BNF 13.11.6
iodine tincture	■	Antiseptic	Skin disinfection		✓		BNF 13.11.4
povidone iodine 5% eye drops	■	Antiseptic	Antiseptic prior to surgical procedures		✓		Moorfields Pharmacists Handbook page 71
povidone iodine 10% antiseptic solution	■	Antiseptic	Skin disinfection		✓		BNF 13.11.4

## Irrigation

Drug Name	P/L <sup>†</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
balanced salt solution 15 mL	■	Irrigation	Surgical Procedures		✓		
balanced salt solution 500mL	■	Irrigation			✓		
compound sodium lactate 500mL infusion	■	Irrigation			✓		
compound sodium lactate 1000mL infusion	■	Irrigation			✓		
sodium chloride 0.9% irrigation sachets	■	Irrigation			✓		
sodium chloride 0.9% sterile eye irrigation 1L bag	■	Irrigation			✓		
sodium chloride 0.9% sterile irrigation 1L bottle	■	Irrigation			✓		
STERIMAR	■	Irrigation	As a nasal douche following dacryocystorhinostomy (DCN)		✓	DTMMC Jan 2013	

## General Anaesthesia & Gases

Drug Name	P/L <sup>†</sup>	Drug Class	Formulary Indication	N*	L*	Comments	Source
desflurane volatile liquid	■	General anaesthesia	Induction of anaesthesia		✓		BNF 15.1
isoflurane volatile liquid	■	General anaesthesia			✓		
sevoflurane volatile liquid	■	General anaesthesia			✓		
alFENTanyl 1mg in 2mL injection	■	General anaesthesia	Analgesic supplement for use before and during anaesthesia		✓		
atracurium 25mg in 2.5mL injection	■	General anaesthesia			✓		
atracurium 50mg in 5mL injection	■	General anaesthesia			✓		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
dexmedetomidine 100 micrograms in 1mL concentrate for solution for infusion	■	Anaesthesia adjuvant	Procedural awake sedation [Intranasal] Pre-medication for paediatrics >1 year		✓ ✓	DTC Feb 2019 DTC July 2021	
glycopyrronium 200 microgram in 1mL injection	■	General anaesthesia			✓		
glycopyrronium 500 micrograms with neostigmine 2.5mg in 1mL injection	■	General anaesthesia			✓		
glycopyrronium 600 microgram in 3mL injection	■	General anaesthesia			✓		
ketamine 10mg in 1mL injection	■	General anaesthesia	Induction of anaesthesia		✓		
neostigmine 2.5mg in 1mL injection	■	General anaesthesia	Neuromuscular blockade		✓		
proPOFol 1% injection	■	General anaesthesia	Induction of anaesthesia		✓		
proPOFol 2% injection	■	General anaesthesia			✓		
proPRANolol 1mg in 1mL injection	■	General anaesthesia			✓		
remifentanyl 1mg injection	■	General anaesthesia	Analgesic agent for use during induction and/or maintenance of general anaesthesia		✓		
rocuronium 50mg in 5mL injection	■	General anaesthesia	Neuromuscular blockade		✓		
sugammadex 100mg in 1mL injection	■	General anaesthesia	Reversal of neuromuscular blockade		✓	DTMMC Apr 2013	
suxamethonium 100mg in 2mL injection	■	General anaesthesia	Neuromuscular blockade		✓		
thiopental 500mg injection	■	General anaesthesia	Induction of anaesthesia		✓		
vecuronium 10mg injection	■	General anaesthesia	Neuromuscular blockade		✓		
air SIZE F							
air SIZE G							
air SIZE J							
nitrous oxide SIZE E	■	General anaesthesia	Maintenance of anaesthesia and analgesia		✓		
nitrous oxide SIZE G	■	General anaesthesia			✓		
oxygen SIZE C	■	General anaesthesia			✓		
oxygen SIZE CD	■	General anaesthesia			✓		
oxygen SIZE D	■	General anaesthesia			✓		
oxygen SIZE E	■	General anaesthesia			✓		

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
oxygen SIZE F	■	General anaesthesia			✓		
oxygen SIZE G	■	General anaesthesia			✓		
oxygen SIZE HX	■	General anaesthesia			✓		
oxygen SIZE J	■	General anaesthesia			✓		
perfluoropropane gas							
sulphur hexafluoride gas							

## Local Anaesthetic

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
bupivacaine 0.5% injection	■	Local Anaesthetic					
bupivacaine 0.25% and adrenaline 1 in 200,000 injection	■	Local Anaesthetic	Lid surgeries requiring local anaesthetic		✓		
bupivacaine 0.5% and adrenaline 1 in 200,000 injection	■	Local Anaesthetic	Lid surgeries requiring local anaesthetic		✓		
cocaine 4% eye drops	■	Local Anaesthetic	Surface anaesthesia when conditions also require pupil dilation or vasoconstriction. Diagnosis of Horner's syndrome.		✓		Moorfields Pharmacist Handbook page 48, BNF 15.2
cocaine 10% solution	■	Local Anaesthetic					
EMLA lidocaine 25mg/g and prilocaine 25mg/g cream	■	Local Anaesthetic					
lidocaine 3.5% eye gel	■	Local Anaesthetic	Strabismus surgery only		✓	DTMMC Oct 2014	
lidocaine 2% injection	■	Local Anaesthetic					
lidocaine 2% injection and adrenaline 1 in 200,000 injection	■	Local Anaesthetic					
lidocaine 5% and phenylephrine 0,5% nasal spray	■	Local Anaesthetic					
lidocaine 4% and fluorescein 0.25% single use eye drops	■	Local Anaesthetic					
oxybuprocaine 0.4% single use eye drops	■	Local Anaesthetic	Surface anaesthesia		✓		Moorfields Pharmacist Handbook page 48, BNF 15.2
proxymetacaine 0.5% single use eye drops	■	Local anaesthetic			✓		
proxymetacaine 0.5% with fluorescein 0.25% single use eye drops	■	Local anaesthetic	Surface anaesthesia and staining		✗	No longer manufactured	
tetracaine 1% single use eye drops	■	Local Anaesthetic	Surface anaesthesia		✓		
tetracaine 4% gel	■	Local Anaesthetic					

## Viscosurgical

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
HPMC 2% in balanced salt solution injection	■	Viscosurgical	Protection of ocular structures and maintenance of anterior chamber depth during surgical procedures		✓		Moorfields Pharmacists Handbook page 140
silicone oil 1,300 cps injection	■	Viscosurgical	Intraocular tamponade		✓		Moorfields Pharmacists Handbook page 140
sodium hyaluronate 10mg in 1mL intraocular injection	■	Viscosurgical	Surgical procedures on the eye including cataract extraction. Protection of ocular structure within the anterior or posterior chamber.		✓		Alcon Product Information
sodium hyaluronate 14mg in 1mL intraocular injection	■	Viscosurgical			✓		
sodium hyaluronate 23mg in 1mL intraocular injection	■	Viscosurgical			✓		

## Surgical other

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
acetylcholine 20mg powder for intraocular irrigation	■						
Holoclar 79,000 - 316,000 cells/cm <sup>2</sup> living tissue equivalent ▼	■	Miscellaneous	Moderate to severe limbal stem cell deficiency after eye burns	✓		NICE TA Aug 2017	NICE technology appraisal
Juvederm Ultra 3 / Juvederm Ultra 4	■	Dermal filler	Reconstructive surgery / socket volume augmentation		✓	DTMMC Oct 2014	
ocriplasmin	■	Miscellaneous	Vitreomacular traction. As per NICE TA 297	✓	✓	NICE TA Oct 2013	NICE Technology Appraisal
perfluoro-octane pre-filled syringe							
tissue plasminogen activator (TPA) / rTPA /alteplase	■	Miscellaneous	Ophthalmic fibrinolysis		✓		Moorfields Pharmacists Handbook page 110
tranexamic acid 500mg Solution for Injection	■	Antifibrinolytic	Antifibrinolytic use pre-surgery (Dacryocystorhinostomy and procedures causing more invasive intraoperative bleeding of nasal mucosa)				
tranexamic acid 500mg tablet	■	Antifibrinolytic	Post-op prevention of excessive, localised haemorrhage				
voretigene neparvovec 1.5x10 <sup>11</sup> vg ▼	■	Miscellaneous	Treatment of RPE65-mediated inherited retinal dystrophies in people with vision loss caused by inherited retinal dystrophy from confirmed biallelic RPE65 mutations and who have sufficient viable retinal cells. As per NICE HST 11	✓		NICE HST 11 Oct 2019	NICE Highly Specialised Technologies Guidance



# Other (Systemic)

*Bisphosphonates*

*Gastrointestinal*

*Analgesics*

*Nutrition*

## *Bisphosphonates*

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
alendronic acid 70mg tablets	■	Bisphosphonates	Steroid-induced osteoporosis	✓	✓		NICE Technology Appraisal; Clinical Knowledge Summaries; National Osteoporosis Society

## *Gastro-intestinal*

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
cyclizine 50mg tablets	■	Anti-histamine	Nausea and vomiting		✓		BNF 5.1
metoclopramide 10mg tablets	■	Dopamine receptor antagonists	Nausea and vomiting		✓		BNF 5.1
omeprazole 20mg capsules	■	PPI	Prophylaxis of NSAID-associated gastric or duodenal ulcer		✓		BNF 1.3.5
omeprazole 20mg dispersible tablets	■	PPI			✓		
ondansetron 4mg tablets	■	5HT3 receptor antagonists	Nausea and vomiting		✓		BNF 5.1
propantheline 15mg tablets	■						
ranitidine 150mg tablets	■	Histamine Antagonist	Prophylaxis of NSAID-associated gastric or duodenal ulcer		✓		BNF 1.3.1
ranitidine 75mg in 5mL sugar free syrup	■	Histamine antagonist			✓		

## Analgesics

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source	
aspirin 300mg dispersible tablets	■	Analgesic	Pain and inflammation; antiplatelet		✓		BNF 2.9	
aspirin 75mg dispersible tablets	■	Analgesic	Antiplatelet		✓			
aspirin 75mg enteric-coated tablets	■	Analgesic			✓			
co-CODamol 30/500 capsules	■	Analgesic	Pain relief		✓		BNF 4.7	
co-CODamol 8/500 effervescent tablets	■	Analgesic				✓		
co-CODamol 8/500 tablets	■	Analgesic				✓		
codeine 15mg in 5mL linctus	■	Analgesic				✓		
codeine phosphate 15mg tablets	■	Analgesic				✓		
codeine phosphate 30mg tablets	■	Analgesic				✓		
coDYDramol 10/500 tablets	■	Analgesic				✓		
dihydrocodeine 30mg tablets	■	Analgesic				✓		
morphine sulphate 10mg in 5mL solution	■	Analgesic				✓		
paracetamol 120mg in 5mL sugar free suspension	■	Analgesic				✓		
paracetamol 250mg in 5mL sugar free suspension	■	Analgesic				✓		
paracetamol 500mg soluble tablets	■	Analgesic				✓		
paracetamol 500mg tablets	■	Analgesic				✓		
paracetamol 120mg suppositories	■	Analgesic				✓		
paracetamol 240mg suppositories	■	Analgesic				✓		
paracetamol 500mg suppositories	■	Analgesic				✓		
tramadol 50mg capsules	■	Analgesic				✓		

## Nutrition

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
ascorbic acid 500mg tablets	■	Vitamin	Oral supplement (with topical drops) for acid or alkaline burns to the cornea		✓		BNF 9.6.3; Moorfields Pharmacists Handbook page 52
ascorbic acid 50mg tablets	■	Vitamin			✓		
calcium carbonate 1.25g chewable tablets	■	Calcium	Primary prevention of osteoporosis	✓	✓		BNF 9.5.1; NICE Technology Appraisal; SIGN Osteoporosis
calcium carbonate D3 chewable tablets	■	Calcium		✓	✓		
calcium carbonate D3 FORTE chewable tablets	■	Calcium		✓	✓		
calcium folinate 15mg tablets	■	Calcium	Counteract the folate-antagonist action of pyrimethamine and sulfadiazine		✓		BNF 8.1; MEH Anti-infective Guidelines; Moorfields Pharmacists Handbook page 114
folic acid 5mg tablets	■	Anaemia	Prevention of methotrexate-induced side-effects		✓		BNF 9.1.2; SPSS
folic acid 2.5mg/5ml solution	■	Anaemia	Prevention of methotrexate-induced side-effects		✓	Aug 2023 DTC	BNF 9.1.2
folinic acid 15mg tablets	■				✓		
pyridoxine 10mg tablets	■	Vitamin	Deficiency states, isoniazid- or pencillamine-induced neuropathy, idiopathic sideroblastic anaemia, premenstrual syndrome.		✓		BNF 9.6.2
pyridoxine 50mg tablets	■	Vitamin			✓		
thiamine 100mg tablets	■	Vitamin	Vitamin B <sub>1</sub> deficiency		✓		
Vitamin A (retinol) (oral)	■	Vitamin	Vitamin A deficiency (first-line)		✓		
Vitamin A (retinol) Intramuscular	■	Vitamin	Patients with malabsorption issues who remain deficient despite trialling oral vitamin A		✓		

## Thyroid Dysfunction

Drug Name	P/L†	Drug Class	Formulary Indication	N*	L*	Comments	Source
Levothyroxine 25micrograms tablets	■	Hormone	Hypothyroidism	✓		DTMMC April 2022	BNF 6.2.1
Levothyroxine 50micrograms tablets	■	Hormone		✓		DTMMC April 2022	BNF 6.2.1
Levothyroxine 100micrograms tablets	■	Hormone		✓		DTMMC April 2022	BNF 6.2.1
Propylthiouracil 50mg tablets	■	Anti-thyroid	Hyperthyroidism	✓		DTMMC April 2022	BNF 6.2.2
Propranolol 10mg tablets	■	Beta-Blocker	Adjunct in thyrotoxicosis	✓		DTMMC April 2022	BNF 6.2.2
Carbimazole 5mg tablets	■	Anti-thyroid	Hypethyroidism	✓		DTMMC April 2022	BNF 6.2.2
Carbimazole 20mg tablets	■	Anti-thyroid		✓		DTMMC April 2022	BNF 6.2.2

# Appendix 1 – Fact Sheets (Unlicensed Medication)

## *General Recommendations*

The use of Preservative Free Products over Preserved Ones may be recommended even when there is no allergy to preservatives. This often applies to:

- Patients who are on many different preserved drops at the same time
  - Patients who need drops with high frequency
  - Patients on long term therapy
  - Patients with compromised cornea e.g. corneal dystrophies, grafts, burns
- 
- The rationale behind this is that preservatives can be toxic to the eye so the use of too much of it or for long term should be avoided when possible
  - Unpredictable sensitivity to any component of a topical eye formulation should always be borne in mind. Sometimes patients may experience stinging, discomfort or blurred vision. This may lead to complaints and compliance issues
  - The choice of artificial tear solution is partly subjective as to which one best controls the symptoms. Often patients try many lubricants until they find the one which works for them.
  - If any product change is considered then patient approval should always be requested

These Fact Sheets are to be considered as information on what is current practice at Moorfields Eye Hospital. They are not to be intended as guidelines

Developed by:

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For more detailed information please refer to:

**Moorfields Eye Hospital NHS Foundation Trust Pharmacists Handbook 2006**



Contents

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*Ciclosporin A 0.2%  
(Preservative Free) eye  
ointment*

*Polihexanide 0.02% and 0.06%  
(Preservative Free) PHMB eye  
drops*

## *Ciclosporin 0.2% (Preservative Free) eye ointment*

**Presentation:** 3.5 g tube (available as unlicensed special or POM-V product)

**Uses:** Management of severe allergic eye disease. Severe dry eye syndromes. Prevention of corneal graft rejection  
Autoimmune keratoconjunctivitis e.g. vernal, atopic, staphylococcal hypersensitivity  
Thygeson's keratitis, Ligneous conjunctivitis. Non healing corneal erosions

**Rationale for use:** No licensed alternative available e.g. Patients intolerant to any of the excipients in the ciclosporin eye drop formulation

**Dose:** Apply 2 to 4 times a day

**Expected length of treatment:** Various, it depends on the patient diagnosis, often long term

**Cautions:** Wash hands after use

Do not use in pregnancy

Do not use when there is fungal disease of the eye

Contact lens wear to be avoided except after specialist recommendation

**Side effects:** Mild irritation in the first few days of therapy may occur

**Monitoring:** The drug does not require any special monitoring as systemic adsorption is minimal

**Storage:** Store below 25°C. Discard one month after opening.

**Other information:** The unlicensed special medicine and the licensed animal medicine have both been manufactured to the same exact standards as for licensed human medicines

Useful when patients cannot tolerate eye drops

Contains paraffin base, maize oil and lanolin alcohol

**Ordered from:** Directly from unlicensed special distributor or from veterinary wholesaler

## *Polihexanide 0.02% and 0.06% (Preservative Free) eye drops (Polyhexamethylene biguanide) PHMB*

**Presentation:** 10ml multidose bottle

**Uses:** Acanthamoeba Keratitis infections usually in contact lenses users

**Rationale for use:** No licensed alternative available

**Dose:** Depends on severity of condition:

1 drop every hour day and night for 2 days, then every hour day only for 3 days.

Intensive treatment is used at an early stage, while organisms are susceptible and before cysts have fully matured.

Reduce to 3 hourly, then tailor thereafter according to the course of the disease

**Expected length of treatment:** Treatment must be prolonged in order to eradicate cysts

**Cautions:** None listed

**Side effects:** Toxicity with PHMB is rare

**Monitoring:** The drug does not require any special monitoring

**Storage:** Store below 25°C. Discard four weeks after opening

**Other information:** Used in combination with propamidine 0.1% or hexamidine 0.1% eye drops