

- **UNLICENSED USE** Not licensed for *acanthamoeba keratitis* infections.
 - **SIDE-EFFECTS** Eye discomfort · vision blurred
 - **PREGNANCY** Manufacturer advises avoid unless essential—no information available.
 - **BREAST FEEDING** Manufacturer advises avoid unless essential—no information available.
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- **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

Eye ointment

► **Golden Eye (dibrompropamidine)** (Cambridge Healthcare Supplies Ltd)

Dibrompropamidine isetonate 1.5 mg per 1 gram Golden Eye 0.15% ointment | 5 gram Ⓜ £4.15 DT = £4.15

Eye drops

EXCIPIENTS: May contain Benzalkonium chloride

► **Brolene (Propamidine)** (Sanofi)

Propamidine isetonate 1 mg per 1 ml Brolene 0.1% eye drops | 10 ml Ⓜ £2.80 DT = £2.80

► **Golden Eye (propamidine)** (Cambridge Healthcare Supplies Ltd)

Propamidine isetonate 1 mg per 1 ml Golden Eye 0.1% drops | 10 ml Ⓜ £3.95 DT = £2.80

3.2 Viral eye infection

3.2a Ophthalmic herpes simplex

ANTIVIRALS > NUCLEOSIDE ANALOGUES

Aciclovir

10-Mar-2020

(Acyclovir)● **INDICATIONS AND DOSE****Herpes simplex infection (local treatment)**

► TO THE EYE USING EYE OINTMENT

- Child: Apply 1 centimetre 5 times a day continue for at least 3 days after complete healing

● **INTERACTIONS** → Appendix 1: aciclovir

● **SIDE-EFFECTS**

► **Common or very common** Eye inflammation · eye pain

● **PATIENT AND CARER ADVICE**

Medicines for Children leaflet: Aciclovir eye ointment for herpes simplex infections

www.medicinesforchildren.org.uk/aciclovir-eye-ointment-herpes-simplex-infection-0

● **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

Eye ointment

► **Aciclovir (Non-proprietary)**

Aciclovir 30 mg per 1 gram Aciclovir 3% eye ointment | 4.5 gram Ⓜ £45.00 DT = £45.00

4 Eye procedures

Mydriatics and cycloplegics

25-Apr-2020

Overview

Antimuscarinics dilate the pupil and paralyse the ciliary muscle; they vary in potency and duration of action.

Short-acting, relatively weak mydriatics, such as tropicamide below (action lasts for up to 6 hours), facilitate the examination of the fundus of the eye. Cyclopentolate hydrochloride p. 723 (complete recovery can take up to 24 hours) or atropine sulfate p. 723 (action up to 7 days) are also licensed for producing cycloplegia for refraction in

young children. Expert sources advise tropicamide may be preferred in neonates.

Phenylephrine hydrochloride p. 731 is licensed for mydriasis in diagnostic or therapeutic procedures; mydriasis occurs within 60–90 minutes and lasts up to 5–7 hours.

Ⓜ Mydriatics and cycloplegics are used in the treatment of anterior uveitis, usually as an adjunct to corticosteroids. Atropine sulfate or cyclopentolate hydrochloride can prevent posterior synechiae and relieve ciliary spasm when used for anterior uveitis. ⚠

ANTIMUSCARINICS

F 722

Tropicamide

● **INDICATIONS AND DOSE****Funduscopy**

► TO THE EYE

► Neonate: 0.5% eye drops to be applied 20 minutes before examination.

► Child: 0.5% eye drops to be applied 20 minutes before examination

● **INTERACTIONS** → Appendix 1: tropicamide

● **SIDE-EFFECTS** Eye erythema · eye irritation (on prolonged administration) · eye pain · headache · hypotension · nausea · syncope · vision blurred

● **PRESCRIBING AND DISPENSING INFORMATION** Although multi-dose tropicamide eye drops commonly contain preservatives, preservative-free unit dose vials may be available.

● **MEDICINAL FORMS** There can be variation in the licensing of different medicines containing the same drug.

Eye drops

EXCIPIENTS: May contain Benzalkonium chloride, edetic acid (edta)

► **Mydriacyl** (Alcon Eye Care Ltd)

Tropicamide 10 mg per 1 ml Mydriacyl 1% eye drops | 5 ml Ⓜ £1.60

► **Tropicamide** (Bausch & Lomb UK Ltd)

Tropicamide 5 mg per 1 ml Minims tropicamide 0.5% eye drops 0.5ml unit dose | 20 unit dose Ⓜ £11.18 DT = £11.18

Tropicamide 10 mg per 1 ml Minims tropicamide 1% eye drops 0.5ml unit dose | 20 unit dose Ⓜ £11.31 DT = £11.31

ANTISEPTICS AND DISINFECTANTS > IODINE PRODUCTS

Povidone-iodine

● **INDICATIONS AND DOSE****Cutaneous peri-ocular and conjunctival antiseptics before ocular surgery**

► TO THE EYE

► Neonate: Apply, leave for 2 minutes, then irrigate thoroughly with sodium chloride 0.9%.

► Child: Apply, leave for 2 minutes, then irrigate thoroughly with sodium chloride 0.9%

● **CONTRA-INDICATIONS** Concomitant use of ocular antimicrobial drugs · concomitant use of ocular formulations containing mercury-based preservatives · preterm neonates

● **SIDE-EFFECTS**

► **Rare or very rare** Eye erythema · punctate keratitis

► **Frequency not known** Cytotoxicity · eye discolouration · hypothyroidism

● **BREAST FEEDING** Avoid regular or excessive use.

● **PRESCRIBING AND DISPENSING INFORMATION** Although multi-dose povidone iodine eye drops commonly contain