

Dexamethasone with hypromellose, neomycin and polymyxin B sulfate

The properties listed below are those particular to the combination only. For the properties of the components please consider, dexamethasone p. 692, neomycin sulfate p. 714.

● INDICATIONS AND DOSE

Local treatment of inflammation (short-term)

▶ TO THE EYE USING EYE DROP

- ▶ Child: Apply every 30–60 minutes until controlled, then reduced to 4–6 times a day

Local treatment of inflammation (short-term)

▶ TO THE EYE USING EYE OINTMENT

- ▶ Child: Apply 3–4 times a day, alternatively, apply at night when used with eye drops

- **INTERACTIONS** → Appendix 1: corticosteroids · neomycin
- **LESS SUITABLE FOR PRESCRIBING** Dexamethasone with neomycin and polymyxin B sulfate is less suitable for prescribing.

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

Eye ointment

EXCIPIENTS: May contain Hydroxybenzoates (parabens), woolfat and related substances (including lanolin)

- ▶ **Maxitrol** (Novartis Pharmaceuticals UK Ltd)

Dexamethasone 1 mg per 1 gram, Neomycin (as Neomycin sulfate) 3500 unit per 1 gram, Polymyxin B sulfate 6000 unit per 1 gram | Maxitrol eye ointment | 3.5 gram | [PoM](#) | £1.44

Eye drops

EXCIPIENTS: May contain Benzalkonium chloride, polysorbates

- ▶ **Maxitrol** (Novartis Pharmaceuticals UK Ltd)

Dexamethasone 1 mg per 1 ml, Hypromellose 5 mg per 1 ml, Neomycin (as Neomycin sulfate) 3500 unit per 1 ml, Polymyxin B sulfate 6000 unit per 1 ml | Maxitrol eye drops | 5 ml | [PoM](#) | £1.68

IMMUNOSUPPRESSANTS > CALCINEURIN INHIBITORS AND RELATED DRUGS

Ciclosporin

16-Nov-2018

(Cyclosporin)

- **DRUG ACTION** Ciclosporin inhibits production and release of lymphokines, thereby suppressing cell-mediated immune response.

● INDICATIONS AND DOSE

VERKAZIA®

Severe vernal keratoconjunctivitis (initiated by a specialist)

▶ TO THE EYE

- ▶ Child 4–17 years: Apply 1 drop 4 times a day, to be applied to the affected eye(s) during the vernal keratoconjunctivitis season, if signs and symptoms persist after the end of the season, treatment may be continued at the recommended dose or decreased to 1 drop twice daily once adequate control is achieved. Once resolved, treatment should be discontinued, and re-initiated upon recurrence

- **CONTRA-INDICATIONS** Active or suspected ocular or peri-ocular infection
- **CAUTIONS** History of ocular herpes—no information available
- **INTERACTIONS** → Appendix 1: ciclosporin
- **SIDE-EFFECTS**
- ▶ **Common or very common** Cough · eye discomfort · eye disorders · eye inflammation · headache · increased risk of infection · vision blurred

- **PREGNANCY** Manufacturer advises avoid unless potential benefit outweighs risk—no information available.
- **BREAST FEEDING** Manufacturer advises avoid—limited information.
- **MONITORING REQUIREMENTS** Manufacturer advises regular eye examinations when used for more than 12 months (efficacy and safety have not been studied beyond 12 months).
- **DIRECTIONS FOR ADMINISTRATION** Manufacturer advises keep eyes closed for 2 minutes after using eye drops to increase local drug action and reduce systemic absorption.
- **PATIENT AND CARER ADVICE**
- ▶ **Driving and skilled tasks** Manufacturer advises patients and carers should be counselled on the effects on driving and performance of skilled tasks—increased risk of blurred vision.

● NATIONAL FUNDING/ACCESS DECISIONS

Scottish Medicines Consortium (SMC) decisions

SMC No. SMC2111

The *Scottish Medicines Consortium* has advised (December 2018) that ciclosporin 1 mg/mL (0.1%) eye drops emulsion (*Verkazia*®) is accepted for use within NHS Scotland for the treatment of severe vernal keratoconjunctivitis in patients from 4 to 17 years of age.

All Wales Medicines Strategy Group (AWMSG) decisions

AWMSG No. 2908

The *All Wales Medicines Strategy Group* has advised (March 2019) that ciclosporin (*Verkazia*®) is recommended as an option for use within NHS Wales for the treatment of severe vernal keratoconjunctivitis in patients from 4 years of age up to 18 years of age.

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

Eye drops

- ▶ **Verkazia** (Santen UK Ltd)

Ciclosporin 1 mg per 1 ml | *Verkazia* 0.1% eye drops 0.3ml unit dose | 120 unit dose | [PoM](#) | £288.00

1.2a Anterior uveitis

ANTIMUSCARINICS

Antimuscarinics (eye)

- **CAUTIONS** Children under 3 months owing to the possible association between cycloplegia and the development of amblyopia · darkly pigmented iris is more resistant to pupillary dilatation and caution should be exercised to avoid overdose · mydriasis can precipitate acute angle-closure glaucoma (usually in those who are predisposed to the condition because of a shallow anterior chamber) · neonates at increased risk of systemic toxicity (in neonates)
- **SIDE-EFFECTS** Dizziness · photophobia · skin reactions · tachycardia
- **PATIENT AND CARER ADVICE** Patients may not be able to undertake skilled tasks until vision clears after mydriasis.



Atropine sulfate

● INDICATIONS AND DOSE

Cycloplegia

▶ TO THE EYE USING EYE DROP

- ▶ Child 3 months–17 years: Apply twice daily for 3 days, before procedure