Tropicamide Newborn Use Only

Incompatibility No information.			
Compatibility	Phenylephrine, cyclopentolate, tetracaine (amethocaine)		
Compatibility	agitation, seizures.		
	Rarely dry mouth, urinary retention, fever, tachycardia, vasodilatation, restlessness,		
	Stinging or burning of eye.		
	Apnoea, transient bradycardia (especially infants on respiratory support).		
Adverse Reactions	Feeding intolerance, abdominal distension and increased gastric residuals.		
Drug Interactions	recommended to minimise toxicity. Cyclopentolate, phenylephrine, tetracaine (amethocaine)		
	Lower concentration solutions and regimens minimising number of additional drops are		
	Feeding intolerance.		
	Severe neurological impairment—may increase risk of seizures.		
Precautions	Bronchopulmonary dysplasia.		
Contraindications	Necrotising enterocolitis (NEC) at the time of examination.		
	Signs of ileus.		
-	at risk of apnoea.		
Monitoring	Blood pressure, heart rate, oxygen saturation in infants with bronchopulmonary dysplasia or		
	incidence of feed intolerance.		
	Consider withholding feeds for four hours from administration of the last drops to reduce		
Administration	Apply pressure to the lacrimal sac during and for 60 seconds after instillation of eye drop to minimise systemic absorption. Wipe away excess medication.		
Preparation/Dilution			
	Topical institution into the eyes from the container of use a microurop (5–7 microL) cannula.		
Route	REGIMEN 2: 4 drops of each agent. Topical instillation into the eyes from the container or use a microdrop (5–7 microL) cannula.		
Maximum daily dose	REGIMEN 1: 3 drops of each agent.		
	Dark irides may require additional drops.		
	Perform examination 60 to 120 minutes after instillation.		
	Repeat if pupillary dilatation inadequate.		
	Instil one drop of each agent (5 minutes apart) into each eye 60 minutes prior to examination		
	REGIMEN 2: Phenylephrine 2.5% + tropicamide 0.5% eye drops [5-7].		
	PECIMEN 2.		
	Perform examination 60 to 120 minutes after instillation.		
	Repeat if pupillary dilatation inadequate.		
	Instil one drop of each agent (5 minutes apart) into each eye 60 minutes prior to examination		
	Phenylephrine 2.5% + cyclopentolate 0.5% + tropicamide 0.5% eye drops [1-4].		
	REGIMEN 1:		
Dosage/Interval	Use in combination with phenylephrine 2.5% with or without cyclopentolate 0.5%.		
	water).		
	Mydriacyl Eye drops 0.5%, 1.0% 15 mL (multidose—excipients benzalkonium chloride 0.01%, sodium chloride, disodium edetate, hydrochloric acid and/or sodium hydroxide, purified		
Presentation	Minims Tropicamide Eye Drops 0.5%, 1.0% solution.		
	Mydriacyl Eye drops		
Trade Name	Minims Tropicamide Eye Drops		
Drug Type	Antimuscarinic.		
	muscle and paralysis of accommodation.		
Action	Anticholinergic drug that produces pupillary dilatation by inhibiting the sphincter pupillae		
Indication	recommended. Induction of mydriasis and cycloplegia for diagnostic and therapeutic ophthalmic procedures		
	Lower concentration solutions and regimens minimising number of additional drops are		

Stability	Discard immediately after use.	
Storage	Store in refrigerator at 2°C to 8°C. Do not freeze. Protect from light.	
Special Comments	Without lacrimal sac occlusion, approximately 80% of each drop may pass through the nasolacrimal system and be available for rapid systemic absorption by the nasal mucosa. Consider withholding feeds for four hours from administration of the last drops. Used in conjunction with topical anaesthetic, e.g. tetracaine (amethocaine).	
Evidence summary	Refer to full version.	
References	Refer to full version.	

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