



Queensland
Government

Children's Health Services

Royal Children's Hospital

Ophthalmology

Consultant Clinics

Abnormal pupil reaction and size

Initial work-up	Refer when	Data needed
<ul style="list-style-type: none"> Assess pupil reactions and sizes Check visual acuity, if child is of an appropriate age. If the child is too young to check visual acuity, ascertain whether the child can fix and follow. For toddlers try a toy, for infants try a toy or a light. Check ocular motility – ask the child to look at the roof, down at the ground and side to side. If child too young, again try a toy or light. Perform fundus examination and note presence/ absence of red and white reflex. 	<ul style="list-style-type: none"> Asymmetric pupillary reactions <ul style="list-style-type: none"> → IMMEDIATE REFERRAL → Please call on-call PAEDIATRIC OPHTHALMOLOGY REGISTRAR on (07) 3636 3777 and send referral to addresses below. Highlight URGENT referral Asymmetric pupillary size <ul style="list-style-type: none"> → Physiologic anisocoria – less than 1mm difference under light – adapted or dark – adapted conditions – REFER URGENTLY → Oculomotor paresis – associated limitations of eye movement on the side with the larger pupil – REFER URGENTLY → Horner's syndrome – greater than 1mm difference between the eyes under light – adapted and under dark – adapted conditions. There may be an associated eyelid droop and lighter iris coloration on the side with the smaller pupil – REFER SEMI-URGENTLY 	

Clinical Advice: **Tel (07) 3636 3777** and ask for Paediatric Ophthalmology Registrar or A/H (07) 3636 9005 Emergency Department

Referral Form Download: http://www.health.qld.gov.au/rch/professionals/gp_referrals.asp

Send Referrals to: **Medical Objects Address – QHEALTH, ROYAL CHILDREN'S HOSPITAL** Fax: (07) 3636 7811 Mail: Outpatients Department
HealthLink Address - **qldrchld**

Royal Children's Hospital
Herston Rd, HERSTON 4029

See final page for references, copyright, disclaimer and further contact details.

Provision of named referrals for all patients referred to the RCH will expedite patient access

Paediatrics Pre-referral Guidelines – Ophthalmology



Contact us

RCH Switchboard	(07) 3636 3777
Emergency Department	
<ul style="list-style-type: none"> • GPs only (clinical advice) (07) 3636 9005 • General enquiries (07) 3636 8085 • Triage nurse (07) 3636 7900 • ED Admission enquiries (07) 3636 7700 	
Admission Enquiries	(07) 3636 8307
Admission Enquiries After Hours (via the RCH Main Switch)	(07) 3636 3777
Poisons Information Centre	131126
Seriously Unwell Child: RCH Emergency Department	(07) 3636 9005

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These guidelines were reviewed and developed by specialists at the Royal Children’s Hospital and reviewed by a working group of metropolitan general practitioners in Queensland.

Feedback or suggestions welcomed. Contact the **Patient Safety and Quality Unit:** CHSD-PSQU@health.qld.gov.au

Last reviewed: September 2010

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