

Retinopathy of Prematurity Screening Protocol

Screening Criteria

All babies less than 32 weeks gestational age (up to 31 weeks and 6 days) or less than 1501g birthweight should be screened for ROP.

First Examination

Gestational Age	Age of First Examination
<27 weeks	30 to 31 weeks
27 weeks	31 to 32 weeks
28 weeks	32 to 33 weeks
29 weeks	33 to 34 weeks
30 weeks	34 to 35 weeks
31 weeks	35 to 36 weeks

Dilating Eye Drops and Paracetamol

Administer one drop of Phenylephrine 2.5% and Cyclopentolate 0.5% to both eyes and repeat after 10 minutes. Administer oral Paracetamol if there are no contradictories. Drops, Paracetamol and Proxymetacaine (local anaesthetic eye drops) should be given approximately 1 hour before examination.

Equipment Required for Screening

One disposable neonatal eyelid speculum
One Flynn Scleral depressor
Sucrose solution
Medium sized gloves
Indirect ophthalmoscope and lens (will be brought by the ophthalmologist)

Written Information for Parents

Please provide parents with the Bliss ROP screening information leaflet before the first screening examination.

It is also available online:

<http://www.bliss.org.uk/wp-content/uploads/2012/02/Retinopathy-of-Prematurity-ROP-Screening-factsheet.pdf>

