

# EYE EXAMS

## Definitions

- Retinopathy of Prematurity or ROP is a potentially blinding eye disorder that affects premature infants. ROP occurs when abnormal blood vessels grow and spread through the retina which can lead to retinal detachment. ROP is classified in five stages ranging from mild stage 1 to severe stage 5

## Key points

- Target Population
  - Babies < 1250 gr or <30 6/7 weeks gestational age (GA)
  - Unstable babies and or those who the MD considers at risk
- Scheduling Exam
  - For babies between 22 to 27 weeks GA at birth: At 31 weeks
  - For babies between 28 to 32 weeks GA at birth: After 4 weeks
  - **Eye exams are scheduled every Tuesday at 08:30 with Ophthalmology**

## Procedure

### ○ Material

- Bags prepared by LPN **ON MONDAYS** (everything is stored in white box in AHN office in upper cupboard)

- 1 speculum
- 1 depressor
- Tetracaine & sucrose
- pink NS squirts
- 1 sterile gauze 2x2

### ○ How?

1. NNP Philippe Lamer emails list of scheduled babies each week based on criteria. List is available on computer shortcut icon on desktop RNA-G (on computers in milkroom and alcove of Room 25)
2. Print list of names and place on eye exam board.
3. Fill out medical consult for each baby (only for the first eye exam) that is signed by the MD
4. Retrieve order from patient's chart for Eye Drops and give to pharmacy on Monday before 16:00
5. Order for Eye drops must be flagged in chart- write time of dilatation of eyes on chart. RN gives eye drops 60 mins prior to eye exam and second dose in each eye 5 mins post 1st dose (usually 07:30)
6. Place one drop of Tetracain in each eye immediately prior to the exam.
7. Wash hands and position baby for the exam and hold if necessary.
8. Retrieve dirty speculums and depressors (kits) and bring to 3rd floor C03 3003 soiled utility MDRD for cleaning and sterilization (extension MDRD phone ext 43744)
9. Always record the quantity of kits on the ROP instrument sheet (ROP purple binder) and the date and hour and name of person they were given to be able to keep track of them.
10. Retrieve sterilized ROP kits from MDRD C03 3217 on Wednesday and record quantity picked up. Place clean kits in white box in AHN office B06 2843 in top cupboard

\*Note there are 16 sets of speculums and depressors and they are very expensive and should not be lent out to ophthalmology or other departments