NICU Disease Process Map

D.O.B.____6/21/24_____ APGAR at birth: ___5/7_____

Gestational Age___23 wks 6 days____ Adjusted Gestational Age____45wks 4 days_____

Birthweight___1__lbs.__0.5____oz./_____470_____grams

Current weight__8___lbs.___13___oz./_____4007_____grams

Disease Name: ROP- retinopathy of prematurity

What is happening in the body?

Eye disease in babies born prematurely (before 31 weeks); The Retina (tissue at the back of the eye) has unwanted blood vessels grow on the tissue surface. These blood vessels can lead to serious vision problems such as glaucoma.

What am I going to see during my assessment?

Abnormal eye movements, white pupils, crossed eyes, severe nearsightedness, and retinal detachment

What tests and labs will be ordered?

An ophthalmologist can examine the NICU baby's eyes while in the hospital; however, babies at risk for ROP are usually checked at 4-6 weeks. An ophthalmologist will continue to monitor at follow-ups to see if it goes away on its own or if blood vessels continue to form. The assessment is a dilation of the baby's pupils with eye drops

What trends and findings are expected?

What medications and nursing interventions/treatments will you anticipate?

Medications: carboxymethyl cellulose, trusopt, xalatan, and timolol

Interventions/treatments: laser treatment, freezing treatment (cryotherapy), medication eye injections