IM5 (Pediatrics) Critical Thinking Worksheet **Patient Age:** 8 days **Patient Weight:** 1.99 kg

Student Name: Kayla Rodriguez	**Unit:** NICU **Pt. Initials: RC**	**Date:** 9/8/21
1. **Disease Process & Brief Pathophysiology (Identify Key Concepts to Your Patient and Include Reference):** Peters anomaly is an eye problem that occurs in the anterior segment of the eye that can be caused by mutations in the FOXC1, PAX6, PITX2, or CYP1B1 genes. If no mutation is found in cases of Peters anomaly, the cause is unknown. During fetal development, growth of the anterior segment is abnormal causing incomplete separation of the cornea from the iris. This results in the signs and symptoms of Peters anomaly.	**2. Factors for the Development of the Disease/Acute Illness:** Inheritance of mutation Glaucoma Cataract Microphthalmia	**3. Signs and Symptoms:** White, clouding of the eye P Blurred vision
4. Diagnostic Tests Pertinent or Confirming of Diagnosis: Physical eye exam P Symptoms P Medical history Genetic testing	**5. Lab Values That May Be Affected:** Unknown – no associated data found with the association of lab values and Peters anomaly.	**6. Current Treatment (Include Procedures):** Ophthalmologist to reevaluate patient now that patient is on room air. Continue to monitor patient, vital signs, appropriate medication administration, formula feedings through NGT or PO as tolerated. Treatment could possibly include surgery.

References

Peters anomaly. (2015, September 11). Genetic and Rare Diseases Information Center (GARD) – an NCATS Program | Providing information about rare or genetic diseases. Retrieved September 9, 2021, from https://rarediseases.info.nih.gov/diseases/7377/peters-anomaly

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