

Student Name: Chloe Gilliam

NICU Disease Process

D.O.B. <u>10/14/25</u>	APGAR at birth <u>7</u>
Gestational Age <u>35w 5d</u>	Adjusted Gestational Age <u>15 days</u>
Birthweight <u>6</u> lbs. <u>10.2</u> oz./ <u>3010</u> grams	

Disease Name: Infant of a diabetic mother

What is happening in the body?

The mother's high BS crosses the placenta causing the baby to make extra (unneeded) insulin, so the baby's BS drops



What am I going to see during my assessment?

Baby may be large, jittery, poor feeding, trouble breathing



What tests and labs would I expect to see? What are those results?

Blood glucose - < 46
Bilirubin -

What medications and nursing interventions or treatments will you anticipate?

early, frequent feedings maintain warmth
BS monitoring monitor for resp distress

Please write up any medications given or any medications that your patient is on using a separate medication sheet.



How will you know that your patient is improving?

normal BS levels
tolerates feedings
stable RR & temp



What are the primary risk factors for this diagnosis?

mother w/ poorly controlled diabetes,
obesity, or gestational diabetes



What are the long-term complications?

risk for obesity or T2DM, heart
disease, or developmental delays

Student Name: Chloe Gilliam

Date: 10-29-25

Allergies: NKA

Pediatric Medication Worksheet - Current Medications & PRN for Last 24 Hours

Unit: NICU

Pt. Initials: R.P.

Primary IV Fluid and Infusion Rate (ml/hr) <u>D10 1ml/hr</u>	Circle IVF Type <u>Isotonic</u> Hypotonic Hypertonic	Rationale for IVF <u>maintain BS provide calories</u>	Lab Values to Assess Related to IVF <u>blood glucose 10's</u>	Contraindications/Complications
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Generic Name	Pharmacologic Classification	Therapeutic Reason	Dose, Route & Schedule	Therapeutic Range?	IVP - List diluent solution, volume, and rate of administration	Adverse Effects	Appropriate Nursing Assessment, Teaching, Interventions (Precautions/Contraindications, Etc.)
				Is med in therapeutic range? If not, why?	IVPB - List concentration and rate of administration		
<u>cholecalciferol</u>	<u>vitamin supplement</u>	<u>vitamin D3</u>	<u>2mg/ml (100u) oral daily</u>	<u>75-250 nmol/L yes</u>		<u>hypercalcemia nausea weakness</u>	<u>1. do not exceed recommended dose 2. give w/ milk for better absorption 3. use a dospper 1 syringe for accuracy 4. keep at room temp</u>
<u>polyvisol multivitamin</u>	<u>vitamin supplement</u>	<u>multivitamin w/ iron</u>	<u>0.5mL liquid oral q12hrs</u>	<u>10-120 yes</u>		<u>constipation dark stool stomachache</u>	<u>1. Administer w/ feedings to avoid GI upset 2. use dospper for oral dose 3. educate parents that dark stool is normal</u>
<u>zinc-oxide lanolin</u>	<u>topical skin protectant</u>	<u>diaper rash</u>	<u>40% paste topical PRN</u>	<u>none</u>		<u>local irritation</u>	<u>1. clean + dry skin before applying 2. thin layers 3. change diapers asap 4. assess for allergy/irritation</u>
							1. 2. 3. 4.
							1. 2. 3. 4.