

NICU Disease Process Map

D.O.B. <u>03/22/24</u>	APGAR at birth: _____
Gestational Age <u>35 weeks</u>	Adjusted Gestational Age _____
Birthweight <u>4</u> lbs. <u>6.2</u> oz. / <u>1990</u> grams	
Current weight <u>4</u> lbs. <u>11</u> oz. / <u>2130</u> grams	

Disease Name: Microcephaly

What is happening in the body?

The brain is underdeveloped resulting in a smaller head size



What am I going to see during my assessment?

smaller head shape
sutures over lapping on skull
- could be irritable, hyperactivity



What tests and labs will be ordered?

CBC - to look for toxins
MRI - malformations or injury
CT scan
maybe genetic testing
metabolic testing
EEG



What trends and findings are expected?

FOC - to be lower than average on growth chart
3rd percentile or lower
if brain is affected - seizures, delayed speech, difficulty with movement and balance (depends on each case)

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What medications and nursing interventions/treatments will you anticipate?

Multivitamin
- manage symptoms associated as there is no cure
keep them comfortable, maintain nutrition, watch suck/swallow
reflex, FOC's, speech therapy & feedings,

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How will you know your patient is improving?

adequate feeding, gaining weight, holding fluids,
good movement

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What are risk factors for the diagnosis?

genetics
toxins
infection during pregnancy (Zika)
lack of O₂ to fetus
malnutrition after birth
medications during pregnancy
complications during labor & delivery
brain trauma

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What are the long-term complications? each case is different

mental retardation, seizures, developmental delays,
facial distortion

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What patient teaching for management and/or prevention can the nurse do?

They can still live a normal life, might have to be
taught multiple times or to their limitations

Student Name: Brianna Gonzalez
 Allergies: NKDA

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

Pt. Initials: _____

Date: 4/9/24

Generic Name	Pharmacologic Classification	Therapeutic Reason	Dose, Route & Schedule	Therapeutic Range?		IVP - List solution to dilute and rate to push.	IVPB - concentration and rate of administration	Adverse Effects	Appropriate Nursing Assessment, Teaching, Interventions (Precautions/Contraindications, Etc.)
				Is med in therapeutic range?	If not, why?				
<u>Mus Vitamin C</u>	<u>Vitamin B mineral combo</u>	<u>nutrition dietary supplement</u>	<u>PO DAILY</u>	<u>yes</u>				<u>-turn stool black/green -constipation/ Diarrhea -wet burping</u>	<ol style="list-style-type: none"> 1. Give @ Feeding to avoid burping 2. give side of cheek (avoid choking) 3. can mix in 1/2 amount of food/milk 4. take at same time each day
									<ol style="list-style-type: none"> 1. 2. 3. 4.
									<ol style="list-style-type: none"> 1. 2. 3. 4.
									<ol style="list-style-type: none"> 1. 2. 3. 4.