# NICU Disease Process Map

D.O.B. 9/14/23 APGAR at birth: 9

Gestational Age 36 3 wk Adjusted Gestational Age 37 1 wk

Birthweight 5 lbs. 13.5 oz./ 2650 grams

Current weight 5 lbs. 13.2 oz./ 2642 grams

Disease Name: VSD

What is happening in the body?

Abnormal opening between ventricles → blood flows between them

What am I going to see during my assessment?

murmur when listening to heart
poor feeding

What tests and labs will be ordered?

echo, ECG
chest x ray
NB screen
CBC, CMP
blood culture/blood gas

What trends and findings are expected?

spontaneous closure of the defect is common
the murmur is expected
feeding intake up & down

What medications and nursing interventions/treatments will you anticipate?

No meds are ordered
observation for improved feeding & wt gain (opal for d/c)
follow up echo in 10 days

How will you know your patient is improving?

through wt gain
VSD specific - echo, ecg, x ray results

What are risk factors for the diagnosis?

Prematurity
family Hx
down syndrome

What are the long-term complications?

VSD likely to close on it's own. If not, surgery is required.
No tx → CHF later on

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

Go to all follow ups
For feeding - allow baby to eat as much as he wants to.
Don't force him, allow breaks, how to burp
VSD - child should be able to live a normal life as long as we continue to monitor the defect & it does not progress