

Student Name: Deajha Downey

NICU Disease Process

D.O.B.	09/28/2025	APGAR at
	birth 2, 4, 8	
Gestational Age	27 wks	Adjusted Gestational Age 31w 6d
Birthweight	2 lbs. 10.3 oz. / 1200	grams

Disease Name: intraventricular (nontraumatic) hemorrhage, grade 4, of newborn

What is happening in the body?

fragile blood vessels rupture due to fluctuations in blood flow or O₂ levels. Blood leaks into brain's ventricles + surrounding tissues. Leads to increased ICP, inflammation, + potential destruction of brain tissue



What am I going to see during my assessment?

altered LOC, lethargic, apnea, brady cardia, cyanosis, poor muscle tone, weak suck / poor feeding



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

CT or MRI, head circumference measurement
hematocrit/hemoglobin: low

What medications and nursing interventions or treatments will you anticipate?

blood transfusion, Anticonvulsants (seizure precaution),
monitor neuro status, VS, I+O's. minimal stimulation/
handling

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?

stable or decreased head circumference, normal
muscle tone, alertness + feeding ability
improving. Cranial ultrasound shows no new
bleeding



What are the primary risk factors for this diagnosis?

Prematurity, low BW, fluctuating BP or O₂ I+O's,
sepsis or infection, coagulopathy



What are the long-term complications?

Seizure disorders, cerebral palsy, developmental
delays, Cognitive impairment or behavioral
issues

Date: 10/28/25

Allergies: NKDA

Unit: MCU

Pt. Initials: EW

Date: 10/28/25

Primary IV Fluid and Infusion Rate (mL/hr): _____

Medication Worksheet – Current Medications & PRN for Last 24 Hours

Pt. Initials: _____

[illegible]