

IM5 Clinical Worksheet - PICU

Student Name: <i>Aaris Dennington</i> Date: <i>11-19-25</i>	Patient Age: <i>2 y10</i> Patient Weight: <i>kg 14.6 kg</i>
1. Admitting Diagnosis and Pathophysiology (State the pathophysiology in own words) <i>Rhinovirus/Enterovirus</i>	2. Priority Focused Assessment R/T Diagnosis: <i>Respiratory - Lung sounds - R.R. cough reflex, mucus membranes</i>
3. Identify the most likely and worst possible complications. <i>Worst: obstructed airway & respiratory failure</i> <i>Most likely: Dehydration</i>	4. What interventions can prevent the listed complications from developing? <i>Administer anti-pyretics & ordered respiratory oxygen. Assess I/O as well as membranes, cap refill, and pulses. Encourage fluids.</i> <i>Administer prescribed antibiotic</i>
5. What clinical data/assessments are needed to identify these complications early? <i>Assess for signs of dehydration</i> <i>Respiratory assessments frequently w/ charting to identify changes or progression</i>	6. What nursing interventions will the nurse implement if the anticipated complication develops? <i>oxygenation, possible IV fluids. Call physician.</i>
7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient. <i>1. Held by parent</i> <i>2. Distracted with exciting video animal</i>	8. Patient/Caregiver Teaching: <i>1. Preventing spread of infection - Vaccination, hand washing etc</i> <i>2. Encourage fluids</i> <i>3. Call nurse if any blueness of fingers or lips, or cessation of breathing occurs</i> Any Safety Issues Identified: <i>Respiratory risk - Airborne precautions</i>
Please list any medications you administered or procedures you performed during your shift: <i>Bed change & bed bath. Lowered flow rate of O₂ per doctor orders</i>	

PICU

GENERAL APPEARANCE	CARDIOVASCULAR	PSYCHOSOCIAL
Appearance: <input type="checkbox"/> Healthy/Well Nourished <input checked="" type="checkbox"/> Neat/Clean <input type="checkbox"/> Emaciated <input type="checkbox"/> Unkept Developmental age: <input type="checkbox"/> Normal <input type="checkbox"/> Delayed	Pulse: <input type="checkbox"/> Regular <input type="checkbox"/> Irregular <input checked="" type="checkbox"/> Strong <input type="checkbox"/> Weak <input type="checkbox"/> Thready <input type="checkbox"/> Murmur <input type="checkbox"/> Other _____ Edema: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Location _____ <input type="checkbox"/> 1+ <input type="checkbox"/> 2+ <input type="checkbox"/> 3+ <input type="checkbox"/> 4+ Capillary Refill: <input checked="" type="checkbox"/> <2 sec <input type="checkbox"/> >2 sec Pulses: Upper R <u>3+</u> L <u>3+</u> Lower R <u>3+</u> L <u>3+</u> 4+ Bounding 3+ Strong 2+ Weak 1+ Intermittent 0 None	Social Status: <input type="checkbox"/> Calm/Relaxed <input type="checkbox"/> Quiet <input checked="" type="checkbox"/> Friendly <input checked="" type="checkbox"/> Cooperative <input type="checkbox"/> Crying <input type="checkbox"/> Uncooperative <input checked="" type="checkbox"/> Restless <input type="checkbox"/> Withdrawn <input type="checkbox"/> Hostile/Anxious Social/emotional bonding with family: <input checked="" type="checkbox"/> Present <input type="checkbox"/> Absent
NEUROLOGICAL		
LOC: <input checked="" type="checkbox"/> Alert <input type="checkbox"/> Confused <input type="checkbox"/> Restless <input type="checkbox"/> Sedated <input type="checkbox"/> Unresponsive Oriented to: <input type="checkbox"/> Person <input type="checkbox"/> Place <input type="checkbox"/> Time/Event <input checked="" type="checkbox"/> Appropriate for Age Pupil Response: <input checked="" type="checkbox"/> Equal <input type="checkbox"/> Unequal <input checked="" type="checkbox"/> Reactive to Light <input type="checkbox"/> Size <u>2rr</u> Fontanel: (Pt < 2 years) <input type="checkbox"/> Soft <input type="checkbox"/> Flat <input type="checkbox"/> Bulging <input type="checkbox"/> Sunken <input checked="" type="checkbox"/> Closed Extremities: <input type="checkbox"/> Able to move all extremities <input checked="" type="checkbox"/> Symmetrically <input type="checkbox"/> Asymmetrically Grips: Right <u>S</u> Left <u>S</u> Pushes: Right <u>S</u> Left <u>S</u> S=Strong W=Weak N=None EVD Drain: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Level _____ Seizure Precautions: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ELIMINATION Urine Appearance: <u>yellow, clear</u> Stool Appearance: <u>brown, soft</u> <input type="checkbox"/> Diarrhea <input type="checkbox"/> Constipation <input type="checkbox"/> Bloody <input type="checkbox"/> Colostomy	IV ACCESS Site: <u>AC</u> <input type="checkbox"/> INT <input type="checkbox"/> None <input type="checkbox"/> Central Line Type/Location: <u>20g</u> Appearance: <input checked="" type="checkbox"/> No Redness/Swelling <input type="checkbox"/> Red <input type="checkbox"/> Swollen <input type="checkbox"/> Patent <input checked="" type="checkbox"/> Blood return Dressing Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Fluids: <u>date: 11-18-25</u>
SKIN		
RESPIRATORY Respirations: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Irregular <input type="checkbox"/> Retractions (type) _____ <input type="checkbox"/> Labored Breath Sounds: <u>lower 1/3 diminished</u> Clear <input type="checkbox"/> Right <input type="checkbox"/> Left Crackles <input type="checkbox"/> Right <input type="checkbox"/> Left Wheezes <input type="checkbox"/> Right <input type="checkbox"/> Left Diminished <input type="checkbox"/> Right <input checked="" type="checkbox"/> Left Absent <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Room Air <input checked="" type="checkbox"/> Oxygen Oxygen Delivery: <u>S-10</u> <input checked="" type="checkbox"/> Nasal Cannula: _____ L/min <input type="checkbox"/> BiPap/CPAP: _____ <input type="checkbox"/> Vent: ETT size _____ @ _____ cm <input type="checkbox"/> Other: _____ Trach: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Size _____ Type _____ Obturator at Bedside <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cough: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Productive <input checked="" type="checkbox"/> Nonproductive Secretions: Color _____ Consistency _____ Suction: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Type <u>available</u> Pulse Ox Site _____ Oxygen Saturation: <u>98%</u>	GASTROINTESTINAL Abdomen: <input checked="" type="checkbox"/> Soft <input type="checkbox"/> Firm <input type="checkbox"/> Flat <input type="checkbox"/> Distended <input type="checkbox"/> Guarded Bowel Sounds: <input checked="" type="checkbox"/> Present X <u>4</u> quads <input checked="" type="checkbox"/> Active <input type="checkbox"/> Hypo <input type="checkbox"/> Hyper <input type="checkbox"/> Absent Nausea: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Vomiting: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Passing Flatus: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Tube: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type _____ Location _____ Inserted to _____ cm <input type="checkbox"/> Suction Type: _____	Color: <input type="checkbox"/> Pink <input type="checkbox"/> Flushed <input type="checkbox"/> Jaundiced <input type="checkbox"/> Cyanotic <input type="checkbox"/> Pale <input checked="" type="checkbox"/> Natural for Pt Condition: <input checked="" type="checkbox"/> Warm <input type="checkbox"/> Cool <input type="checkbox"/> Dry <input type="checkbox"/> Diaphoretic Turgor: <input checked="" type="checkbox"/> < 5 seconds <input type="checkbox"/> > 5 seconds Skin: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Bruises <input type="checkbox"/> Lacerations <input type="checkbox"/> Tears <input type="checkbox"/> Rash <input type="checkbox"/> Skin Breakdown Location/Description: _____ Mucous Membranes: Color: <u>pink</u> <input checked="" type="checkbox"/> Moist <input type="checkbox"/> Dry <input type="checkbox"/> Ulceration
NUTRITIONAL		
Diet/Formula: <u>full</u> Amount/Schedule: <u>3 meals + snacks</u> Chewing/Swallowing difficulties: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	MUSCULOSKELETAL <input type="checkbox"/> Pain <input type="checkbox"/> Joint Stiffness <input type="checkbox"/> Swelling <input type="checkbox"/> Contracted <input type="checkbox"/> Weakness <input type="checkbox"/> Cramping <input type="checkbox"/> Spasms <input type="checkbox"/> Tremors Movement: <input type="checkbox"/> RA <input type="checkbox"/> LA <input type="checkbox"/> RL <input type="checkbox"/> LL <input checked="" type="checkbox"/> All Brace/Appliances: <input type="checkbox"/> None Type: _____	PAIN Scale Used: <input type="checkbox"/> Numeric <input checked="" type="checkbox"/> FLACC <input type="checkbox"/> Faces Location: _____ Type: _____ Pain Score: <u>0800</u> <u>1200</u> <u>1600</u>
WOUND/INCISION		
MOBILITY <input checked="" type="checkbox"/> Ambulatory <input type="checkbox"/> Crawl <input type="checkbox"/> In Arms <input type="checkbox"/> Ambulatory with assist _____ Assistive Device: <input type="checkbox"/> Crutch <input type="checkbox"/> Walker <input type="checkbox"/> Brace <input type="checkbox"/> Wheelchair <input type="checkbox"/> Bedridden	TUBES/DRAINS <input checked="" type="checkbox"/> None <input type="checkbox"/> Drain/Tube Site: _____ Type: _____ Dressing: _____ Suction: _____ Drainage amount: _____ Drainage color: _____	WOUND/INCISION <input type="checkbox"/> None Type: _____ Location: _____ Description: _____ Dressing: _____

PICU

INTAKE/OUTPUT													
PO/Enteral Intake	07	08	09	10	11	12	13	14	15	16	17	18	Total
PO Intake/Tube Feed	7.3	240				380							
Intake - PO Meds													
IV INTAKE	07	08	09	10	11	12	13	14	15	16	17	18	Total
IV Fluid													
IV Meds/Flush													
Calculate Maintenance Fluid Requirement (Show Work)						Combined Total Intake for Pt (mL/hr)							
$1^{st} 10kg \ 10 \times 100 = 1000 \text{ mL/day}$ $2^{nd} 10kg \ 4.6 \times 50 = 230 \text{ mL/day} +$ $7.24 = 51.25 \text{ mL/hr}$ 1230 mL/day						$7.3 + 240 + 380 = 627.3$							
OUTPUT	07	08	09	10	11	12	13	14	15	16	17	18	Total
Urine/Diaper						500							
Stool													
Emesis													
Other													
Calculate Minimum Acceptable Urine Output						Average Urine Output During Your Shift							
$14.6kg \times 1 \text{ mL/hr} = 14.6 \text{ mL/hr}$ $\times 24 = 350 \text{ mL/day}$						$500 \text{ mL} / 5 = 100 \text{ mL/hr}$							

Children's Hospital Early Warning Score (CHEWS)	
(See CHEWS Scoring and Escalation Algorithm to score each category)	
Behavior/Neuro	Circle the appropriate score for this category: 0 1 2 3
Cardiovascular	Circle the appropriate score for this category: 0 1 2 3
Respiratory	Circle the appropriate score for this category: 0 1 2 3
Staff Concern	1 pt - Concerned
Family Concern	1 pt - Concerned or absent
CHEWS Total Score	
CHEWS Total Score	Total Score (points) 0
	Score 0-2 (Green) - Continue routine assessments
	Score 3-4 (Yellow) - Notify charge nurse or LIP, Discuss treatment plan with team, Consider higher level of care, Increase frequency of vital signs/CHEWS/assessments, Document interventions and notifications
	Score 5-11 (Red) - Activate Rapid Response Team or appropriate personnel per unit standard for bedside evaluation, Notify attending physician, Discuss treatment plan with team, Increase frequency of vital signs/CHEWS/assessments, Document interventions and notifications

CHEWS Scoring and Escalation Algorithm

	0	1	2	3
Behavior/Neuro	<ul style="list-style-type: none"> - Playing/sleeping appropriately OR - Alert, at patient's baseline 	<ul style="list-style-type: none"> - Sleepy, somnolent when not disturbed 	<ul style="list-style-type: none"> - Irritable, difficult to console OR - Increase in patient's baseline seizure activity 	<ul style="list-style-type: none"> - Lethargic, confused, floppy OR - Reduced response to pain OR - Prolonged or frequent seizures OR - Pupils asymmetrical or sluggish
Cardiovascular	<ul style="list-style-type: none"> - Skin tone appropriate for patient - Capillary refill \leq 2 seconds 	<ul style="list-style-type: none"> - Pale OR - Capillary refill 3-4 seconds OR - Mild tachycardia OR - Intermittent ectopy or irregular HR (not new) 	<ul style="list-style-type: none"> - Grey OR - Capillary refill 4-5 seconds OR - Moderate tachycardia 	<ul style="list-style-type: none"> - Grey and mottled OR - Capillary refill $>$ 5 seconds OR - Severe tachycardia OR - New onset bradycardia OR - New onset/increase in ectopy, irregular HR or heart block
Respiratory	<ul style="list-style-type: none"> - Within normal parameters - No retractions 	<ul style="list-style-type: none"> - Mild tachypnea/increased WOB (flaring, retracting) OR - Up to 40% supplemental oxygen OR - Up to 1L NC $>$ patient's baseline need OR - Mild desaturations $<$ patient's baseline OR - Intermittent apnea self-resolving 	<ul style="list-style-type: none"> - Moderate tachypnea/increased WOB (i.e. flaring, retracting, grunting, use of accessory muscles) OR - 40-60% oxygen via mask OR - 1-2 L NC $>$ patient's baseline need OR - Nebs Q 1-2 hour OR - Moderate desaturations $<$ patient's baseline OR - Apnea requiring repositioning or stimulation 	<ul style="list-style-type: none"> - Severe tachypnea OR - RR $<$ normal for age OR - Severe increased WOB (i.e. head bobbing, paradoxical breathing) OR - $>$ 60% oxygen via mask OR - $>$ 2 L NC more than patient's baseline need OR - Nebs Q 30 minutes – 1 hour OR - Severe desaturations $<$ patient's baseline OR - Apnea requiring interventions other than repositioning or stimulation
Staff Concern		- Concerned		
Family Concern		- Concerned or absent		

Green = Score 0-2	Yellow = Score 3-4	Red = Score 5-11
<ul style="list-style-type: none"> - Continue Routine Assessments 	<ul style="list-style-type: none"> - Notify charge nurse or LIP - Discuss treatment plan with team - Consider higher level of care - Increase frequency of vital signs / CHEWS / assessments - Document interventions and notifications 	<ul style="list-style-type: none"> - Activate Rapid Response Team or appropriate personnel per unit standard for bedside evaluation - Notify attending physician - Discuss treatment plan with team - Increase frequency of vital signs / CHEWS / assessments - Document interventions and notifications

A PEDIATRIC CODE CAN BE ACTIVATED AT ANYTIME BY ANYONE
Use SBAR communication

Reference: McLellan, M.C., et al., Validation of the Children's Hospital Early Warning System for Critical Deterioration Recognition, Journal of Pediatric Nursing (2016), <http://dx.doi.org/10.1016/j.pedn.2016.10.005>