

IM5 Clinical Worksheet – PICU

Student Name: <i>Victoria Fornely</i> Date: <i>11-16-23</i>	Patient Age: <i>3y1M</i> Patient Weight: <i>20.7 kg</i>
1. Admitting Diagnosis: <i>acute respiratory failure</i> <i>Gx: RSV & entero/ehinovirus</i>	2. Priority Focused Assessment R/T Diagnosis: <i>Respiratory assessment</i>
3. Signs and Symptoms: <i>Cough</i> <i>fever</i> <i>Shortness of breath</i> <i>tachycardia</i>	4. Diagnostic Tests Pertinent to or Confirming of Diagnosis: <i>CBC</i> <i>Respiratory panel</i>
5. Lab Values That May Be Affected: <i>WBC</i> <i>blood gases</i> <i>Chest X-ray</i>	6. Current Treatment (Include Procedures): <i>intubation for lung Rest</i> <i>antibiotics to treat pneumonia</i>
7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient. 1. <i>parental touch & comfort</i> 2. <i>warm blankets</i>	8. Patient/Caregiver Teaching: 1. <i>prevention of RSV</i> 2. <i>vent & sedation reasoning to the parent or guardian</i> 3. <i>possible extubation and what we look for in order to extubate</i> Any Safety Issues Identified: <i>NO</i>
9. Calculate the Maintenance Fluid Requirement (Show Your Work): <i>pt wt 20.7kg</i> $\begin{array}{r} 10 \times 100 = 1000 \\ 10 \times 50 = 500 \\ 0.7 \times 20 = 14 \\ \hline 1514 / 24 = 63 \end{array}$ Combined Total Intake for Your Pt (mL/hr): <i>60mL/hr</i>	10. Calculate the Minimum Acceptable Urine Output Requirement (Show Your Work): <i>0.5mg/kg/hr</i> $\frac{0.5 \text{mg}}{1 \text{kg}} \times \frac{x}{20.7 \text{kg}} = 10.35/\text{hr}$ Actual Urine Output During Your Shift (mL/hr): <i>100mL/hr</i>
Please list any medications you administered or procedures you performed during your shift: <i>None</i>	

PICU

GENERAL APPEARANCE	CARDIOVASCULAR	PSYCHOSOCIAL
Appearance: <input checked="" 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 <i>sedated - unassessed</i>	Pulse: <input checked="" 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>4+</u> L <u>4+</u> 4+ Bounding 3+ Strong 2+ Weak 1+ Intermittent 0 None	Social Status: <input checked="" type="checkbox"/> Calm/ Relaxed <input checked="" type="checkbox"/> Quiet <input type="checkbox"/> Friendly <input type="checkbox"/> Cooperative <input type="checkbox"/> Crying <input type="checkbox"/> Uncooperative <input type="checkbox"/> Restless <input type="checkbox"/> Withdrawn <input type="checkbox"/> Hostile/ Anxious Social/emotional bonding with family: <input type="checkbox"/> Present <input type="checkbox"/> Absent
NEUROLOGICAL	ELIMINATION	IV ACCESS
LOC: <input type="checkbox"/> Alert <input type="checkbox"/> Confused <input type="checkbox"/> Restless <input checked="" type="checkbox"/> Sedated <input type="checkbox"/> Unresponsive Oriented to: <input type="checkbox"/> Person <input type="checkbox"/> Place <input type="checkbox"/> Time/ Event <input 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>Symm</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 checked="" type="checkbox"/> Able to move all extremities <input type="checkbox"/> Symmetrically <input type="checkbox"/> Asymmetrically Grips: Right <u>N</u> Left <u>N</u> Pushes: Right <u>N</u> Left <u>N</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	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	Site: <u>Upper arm</u> <input type="checkbox"/> INT <input type="checkbox"/> None <input checked="" type="checkbox"/> Central Line Type/ Location: <u>DL PICC</u> Appearance: <input checked="" type="checkbox"/> No Redness/ Swelling <input type="checkbox"/> Red <input type="checkbox"/> Swollen <input checked="" type="checkbox"/> Patent <input checked="" type="checkbox"/> Blood return Dressing Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Fluids: <u>Q Oml/hour DENIS</u>
RESPIRATORY	GASTROINTESTINAL	SKIN
Respirations: <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Irregular <input type="checkbox"/> Retractions (type) _____ <input type="checkbox"/> Labored Breath Sounds: Clear <input checked="" type="checkbox"/> Right <input checked="" 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 type="checkbox"/> Left Absent <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Room Air <input checked="" type="checkbox"/> Oxygen Oxygen Delivery: <input type="checkbox"/> Nasal Cannula: _____ L/ min <input checked="" type="checkbox"/> BiPap/ CPAP: <u>peep 4, P1 10, FiO2 40</u> <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cough: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Productive <input type="checkbox"/> Nonproductive Secretions: Color _____ Consistency _____ Suction: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Type <u>orally</u> Pulse Ox Site: <u>(R) Toe</u> Oxygen Saturation: <u>89% - 90%</u>	Abdomen: <input checked="" type="checkbox"/> Soft <input type="checkbox"/> Firm <input checked="" 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	PAIN
	Diet/Formula: <u>NPO</u> Amount/Schedule: <u>NPO</u> Chewing/Swallowing difficulties: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Scale Used: <input type="checkbox"/> Numeric <input checked="" type="checkbox"/> FLACC <input type="checkbox"/> Faces Location: <u>none</u> Type: <u>none</u> Pain Score: 0800 <u>0</u> 1200 <u>0</u> 1600 _____
MUSCULOSKELETAL	MOBILITY	WOUND/INCISION
	<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 checked="" type="checkbox"/> None Type: _____	<input checked="" type="checkbox"/> None Type: _____ Location: _____ Description: _____ Dressing: _____
		TUBES/DRAINS
		<input type="checkbox"/> None <input checked="" type="checkbox"/> Drain/Tube Site: <u>oral</u> Type: <u>OG</u> Dressing: <u>tape to face</u> Suction: <u>gravity</u> Drainage amount: <u>moderate</u> Drainage color: <u>light green</u>

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>