

IM5 Clinical Worksheet – PICU

Student Name: Date:	Patient Age: 10 y.o F Patient Weight: 58.8 kg
1. Admitting Diagnosis and Pathophysiology (State the pathophysiology in own words) Status asthmaticus – is a severe asthma exacerbation where there is severe airway obstruction that can lead to impaired gas exchange, hypoxemia, and respiratory failure.	2. Priority Focused Assessment R/T Diagnosis: Respiratory assessment, O2 and airway management
3. Identify the most likely and worst possible complications. 1. Hypoxemia – most likely 2. Respiratory failure – worst possible	4. What interventions can prevent the listed complications from developing? - trigger avoidance - proper medication adherence - follow an asthma care plan
5. What clinical data/assessments are needed to identify these complications early? 1. monitor patients o2 sat, respiratory status, ABGS 2. checking o2 sat, ABGS, observing RR, rhythm, patterns, X-rays, cyanosis	6. What nursing interventions will the nurse implement if the anticipated complication develops? 1. improve O2 delivery and o2 supplementation, assess airway, high fowlers position 2. maintain a patent airway, improve gas exchange, suctioning, ventilation
7. Pain & Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain & Discomfort for This Patient. 1. Play soft music if patient wants, or show a video 2. Guided imagery or tell a story	8. Patient/Caregiver Teaching: 1. Make sure patient understands how to use inhalers and peak flow meters correctly 2. Help pt make a asthma care plan that helps them know what actions to take and when to get emergency care 3. Teach pt to adhere to their medications so they keep the asthma in control. Any Safety Issues Identified:
Please list any medications you administered or procedures you performed during your shift: <ul style="list-style-type: none"> - Catheter removal - Clindamycin - Cefepime 	

PICU

<p align="center">GENERAL APPEARANCE</p> <p>Appearance: <input type="checkbox"/> Healthy/Well Nourished <input type="checkbox"/> Neat/Clean <input type="checkbox"/> Emaciated <input type="checkbox"/> Unkept Developmental age: <input type="checkbox"/> Normal <input type="checkbox"/> Delayed</p>	<p align="center">CARDIOVASCULAR</p> <p>Pulse: <input type="checkbox"/> Regular <input type="checkbox"/> Irregular <input 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 type="checkbox"/> No Location _____ <input type="checkbox"/> 1+ <input type="checkbox"/> 2+ <input type="checkbox"/> 3+ <input type="checkbox"/> 4+ Capillary Refill: <input type="checkbox"/> < 2 sec <input type="checkbox"/> > 2 sec Pulses: Upper R _____ L _____ Lower R _____ L _____ 4+ Bounding 3+ Strong 2+ Weak 1+ Intermittent 0 None</p>	<p align="center">PSYCHOSOCIAL</p> <p>Social Status: <input type="checkbox"/> Calm/Relaxed <input 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</p>
<p align="center">NEUROLOGICAL</p> <p>LOC: <input 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 type="checkbox"/> Appropriate for Age Pupil Response: <input type="checkbox"/> Equal <input type="checkbox"/> Unequal <input type="checkbox"/> Reactive to Light <input type="checkbox"/> Size _____ Fontanel: (Pt < 2 years) <input type="checkbox"/> Soft <input type="checkbox"/> Flat <input type="checkbox"/> Bulging <input type="checkbox"/> Sunken <input type="checkbox"/> Closed Extremities: <input type="checkbox"/> Able to move all extremities <input type="checkbox"/> Symmetrically <input type="checkbox"/> Asymmetrically Grips: Right _____ Left _____ Pushes: Right _____ Left _____ S=Strong W=Weak N=None EVD Drain: <input type="checkbox"/> Yes <input type="checkbox"/> No Level _____ Seizure Precautions: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p align="center">ELIMINATION</p> <p>Urine Appearance: _____ Stool Appearance: _____ <input type="checkbox"/> Diarrhea <input type="checkbox"/> Constipation <input type="checkbox"/> Bloody <input type="checkbox"/> Colostomy</p>	<p align="center">IV ACCESS</p> <p>Site: _____ <input type="checkbox"/> INT <input type="checkbox"/> None <input type="checkbox"/> Central Line Type/Location: _____ Appearance: <input type="checkbox"/> No Redness/Swelling <input type="checkbox"/> Red <input type="checkbox"/> Swollen <input type="checkbox"/> Patent <input type="checkbox"/> Blood return Dressing Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Fluids: _____</p>
<p align="center">RESPIRATORY</p> <p>Respirations: <input type="checkbox"/> Regular <input type="checkbox"/> Irregular <input type="checkbox"/> Retractions (type) _____ <input type="checkbox"/> Labored Breath Sounds: 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 type="checkbox"/> Left Absent <input type="checkbox"/> Right <input type="checkbox"/> Left <input type="checkbox"/> Room Air <input type="checkbox"/> Oxygen Oxygen Delivery: <input 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 type="checkbox"/> No Size _____ Type _____ Obturator at Bedside <input type="checkbox"/> Yes <input type="checkbox"/> No Cough: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Productive <input type="checkbox"/> Nonproductive Secretions: Color _____ Consistency _____ Suction: <input type="checkbox"/> Yes <input type="checkbox"/> No Type _____ Pulse Ox Site _____ Oxygen Saturation: _____</p>	<p align="center">GASTROINTESTINAL</p> <p>Abdomen: <input type="checkbox"/> Soft <input type="checkbox"/> Firm <input type="checkbox"/> Flat <input type="checkbox"/> Distended <input type="checkbox"/> Guarded Bowel Sounds: <input type="checkbox"/> Present X _____ quads <input type="checkbox"/> Active <input type="checkbox"/> Hypo <input type="checkbox"/> Hyper <input type="checkbox"/> Absent Nausea: <input type="checkbox"/> Yes <input type="checkbox"/> No Vomiting: <input type="checkbox"/> Yes <input type="checkbox"/> No Passing Flatus: <input type="checkbox"/> Yes <input type="checkbox"/> No Tube: <input type="checkbox"/> Yes <input type="checkbox"/> No Type _____ Location _____ Inserted to _____ cm <input type="checkbox"/> Suction Type: _____</p>	<p align="center">SKIN</p> <p>Color: <input type="checkbox"/> Pink <input type="checkbox"/> Flushed <input type="checkbox"/> Jaundiced <input type="checkbox"/> Cyanotic <input type="checkbox"/> Pale <input type="checkbox"/> Natural for Pt Condition: <input type="checkbox"/> Warm <input type="checkbox"/> Cool <input type="checkbox"/> Dry <input type="checkbox"/> Diaphoretic Turgor: <input type="checkbox"/> < 5 seconds <input type="checkbox"/> > 5 seconds Skin: <input 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: _____ <input type="checkbox"/> Moist <input type="checkbox"/> Dry <input type="checkbox"/> Ulceration</p>
	<p align="center">NUTRITIONAL</p> <p>Diet/Formula: _____ Amount/Schedule: _____ Chewing/Swallowing difficulties: <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p align="center">PAIN</p> <p>Scale Used: <input type="checkbox"/> Numeric <input type="checkbox"/> FLACC <input type="checkbox"/> Faces Location: _____ Type: _____ Pain Score: 0800 _____ 1200 _____ 1600 _____</p>
	<p align="center">MUSCULOSKELETAL</p> <p><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 type="checkbox"/> All Brace/Appliances: <input type="checkbox"/> None Type: _____</p>	<p align="center">WOUND/INCISION</p> <p><input type="checkbox"/> None Type: _____ Location: _____ Description: _____ Dressing: _____</p>
	<p align="center">MOBILITY</p> <p><input 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</p>	<p align="center">TUBES/DRAINS</p> <p><input type="checkbox"/> None <input type="checkbox"/> Drain/Tube Site: _____ Type: _____ Dressing: _____ Suction: _____ Drainage amount: _____ Drainage color: _____</p>

PICU

INTAKE/OUTPUT													
PO/Enteral Intake	07	08	09	10	11	12	13	14	15	16	17	18	Total
PO Intake/Tube Feed													
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)						
OUTPUT	07	08	09	10	11	12	13	14	15	16	17	18	Total
Urine/Diaper													
Stool													
Emesis													
Other													
Calculate Minimum Acceptable Urine Output							Average Urine Output During Your Shift						

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) _____
	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

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 ≤ 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>