

## 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

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 Total Score

**Pediatric Floor Patient #1**

GENERAL APPEARANCE	CARDIOVASCULAR	PSYCHOSOCIAL
<b>Appearance:</b> <input type="checkbox"/> Healthy/Well Nourished <input checked="" type="checkbox"/> Neat/Clean <input type="checkbox"/> Emaciated <input type="checkbox"/> Unkept <b>Developmental age:</b> <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Delayed	<b>Pulse:</b> <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 _____ <b>Edema:</b> <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+ <b>Capillary Refill:</b> <input checked="" type="checkbox"/> < 2 sec <input type="checkbox"/> > 2 sec <b>Pulses:</b> 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	<b>Social Status:</b> <input type="checkbox"/> Calm/Relaxed <input type="checkbox"/> Quiet <input 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 Withdrawn 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 <b>Social/emotional bonding with family:</b> <input checked="" type="checkbox"/> Present <input type="checkbox"/> Absent
NEUROLOGICAL	ELIMINATION	IV ACCESS
<b>LOC:</b> <input checked="" type="checkbox"/> Alert <input type="checkbox"/> Confused <input checked="" type="checkbox"/> Restless <input type="checkbox"/> Sedated <input type="checkbox"/> Unresponsive <b>Oriented to:</b> <input checked="" type="checkbox"/> Person <input checked="" type="checkbox"/> Place <input checked="" type="checkbox"/> Time/Event <input checked="" type="checkbox"/> Appropriate for Age <b>Pupil Response:</b> <input checked="" type="checkbox"/> Equal <input type="checkbox"/> Unequal <input checked="" type="checkbox"/> Reactive to Light <input type="checkbox"/> Size <u>3mm</u> <b>Fontanel:</b> (Pt < 2 years) <input type="checkbox"/> Soft <input type="checkbox"/> Flat <input type="checkbox"/> Bulging <input type="checkbox"/> Sunken <input type="checkbox"/> Closed <b>Extremities:</b> <input checked="" type="checkbox"/> Able to move all extremities <input checked="" type="checkbox"/> Symmetrically <input type="checkbox"/> Asymmetrically Grips: Right <u>W</u> Left <u>S</u> Pushes: Right <u>W</u> Left <u>S</u> S=Strong W=Weak N=None <b>EVD Drain:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Level _____ <b>Seizure Precautions:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Urine Appearance:</b> <u>yellow</u> <b>Stool Appearance:</b> <u>Not observed</u> <input type="checkbox"/> Diarrhea <input type="checkbox"/> Constipation <input type="checkbox"/> Bloody <input type="checkbox"/> Colostomy	<b>Site:</b> _____ <input type="checkbox"/> INT <input type="checkbox"/> None <input checked="" type="checkbox"/> Central Line Type/Location: <u>R arm brachial</u> <b>Appearance:</b> <input checked="" type="checkbox"/> No Redness/Swelling <input type="checkbox"/> Red <input type="checkbox"/> Swollen <input type="checkbox"/> Patent <input type="checkbox"/> Blood return <b>Dressing Intact:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <b>Fluids:</b> <u>TPN</u>
RESPIRATORY	GASTROINTESTINAL	SKIN
<b>Respirations:</b> <input checked="" type="checkbox"/> Regular <input type="checkbox"/> Irregular <input type="checkbox"/> Retractions (type) _____ <input type="checkbox"/> Labored <b>Breath Sounds:</b> 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 checked="" type="checkbox"/> Room Air <input type="checkbox"/> Oxygen <b>Oxygen Delivery:</b> <input type="checkbox"/> Nasal Cannula: _____ L/min <input type="checkbox"/> BiPap/CPAP: _____ <input type="checkbox"/> Vent: ETT size _____ @ _____ cm <input type="checkbox"/> Other: _____ <b>Trach:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Size _____ Type _____ Obturator at Bedside <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Cough:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Productive <input type="checkbox"/> Nonproductive <b>Secretions:</b> Color _____ Consistency _____ <b>Suction:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type _____ <b>Pulse Ox Site</b> _____ <b>Oxygen Saturation:</b> _____	<b>Abdomen:</b> <input type="checkbox"/> Soft <input type="checkbox"/> Firm <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Distended <input type="checkbox"/> Guarded <b>Bowel Sounds:</b> <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 <b>Nausea:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Vomiting:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Passing Flatus:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>Tube:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Type _____ Location _____ Inserted to _____ cm <input type="checkbox"/> Suction Type: _____	<b>Color:</b> <input checked="" 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 <b>Condition:</b> <input checked="" type="checkbox"/> Warm <input type="checkbox"/> Cool <input type="checkbox"/> Dry <input type="checkbox"/> Diaphoretic <b>Turgor:</b> <input checked="" type="checkbox"/> < 5 seconds <input type="checkbox"/> > 5 seconds <b>Skin:</b> <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: _____ <b>Mucous Membranes:</b> Color: <u>pink</u> <input checked="" type="checkbox"/> Moist <input type="checkbox"/> Dry <input type="checkbox"/> Ulceration
NUTRITIONAL	MUSCULOSKELETAL	PAIN
<b>Diet/Formula:</b> <u>General</u> <b>Amount/Schedule:</b> <u>TPN 75ml/hr</u> <b>Chewing/Swallowing difficulties:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Pain <input type="checkbox"/> Joint Stiffness <input type="checkbox"/> Swelling <input type="checkbox"/> Contracted <input checked="" type="checkbox"/> Weakness <input type="checkbox"/> Cramping <input type="checkbox"/> Spasms <input type="checkbox"/> Tremors <b>Movement:</b> <input type="checkbox"/> RA <input type="checkbox"/> LA <input type="checkbox"/> RL <input type="checkbox"/> LL <input checked="" type="checkbox"/> All <b>Brace/Appliances:</b> <input checked="" type="checkbox"/> None Type: _____	<b>Scale Used:</b> <input type="checkbox"/> Numeric <input checked="" type="checkbox"/> FLACC <input type="checkbox"/> Faces <b>Location:</b> <u>Abd</u> <b>Type:</b> _____ <b>Pain Score:</b> <u>0</u> 0800 _____ 1200 <u>0</u> 1600 _____
MOBILITY	WOUND/INCISION	TUBES/DRAINS
<input type="checkbox"/> Ambulatory <input type="checkbox"/> Crawl <input type="checkbox"/> In Arms <input checked="" type="checkbox"/> Ambulatory with assist _____ <b>Assistive Device:</b> <input type="checkbox"/> Crutch <input type="checkbox"/> Walker <input type="checkbox"/> Brace <input type="checkbox"/> Wheelchair <input type="checkbox"/> Bedridden	<input type="checkbox"/> None <b>Type:</b> <u>trocac</u> <b>Location:</b> <u>LLQ, midline, L anterior hip</u> <b>Description:</b> <u>surgical incision</u> <b>Dressing:</b> _____	<input checked="" type="checkbox"/> None <input type="checkbox"/> Drain/Tube Site: _____ Type: _____ Dressing: _____ Suction: _____ Drainage amount: _____ Drainage color: _____

Student Name: Binyan Kabua

Unit: PD med surg

Pt. Initials: AA

Date: 10/29/15

Pediatric Medication Worksheet – Current Medications & PRN for Last 24 Hours

Allergies: Lactulose

Primary IV Fluid and Infusion Rate (ml/hr)	Circle IVF Type	Rationale for IVF	Lab Values to Assess Related to IVF	Contraindications/Complications
TPN 75 ml/hr	Isotonic/ Hypotonic/ <u>Hypertonic</u>	maintain fluid balance, provide nutrition & meds	Electrolytes, Glucose, Renal functions, triglycerides	Hyperglycemia, electrolyte imbalance, hypertriglyceridemia

Generic Name	Pharmacologic Classification	Therapeutic Reason	Dose, Route & Schedule	Therapeutic Range?	IVP – List diluent solution, volume, and rate of administration  IVPB – List concentration and rate of administration	Adverse Effects	Appropriate Nursing Assessment, Teaching, Intervention (Precautions/Contraindications, Etc.)
				Is med in therapeutic range?			
				If not, why?			
Acetaminophen Suspension	Analgesic & antipyretic	Relieves mild to moderate pain	15mg/kg (361.5mg) PO, PRN pain	361.5mg, Yes	N/A	Hepatotoxicity (OD or prolonged use) Rare: N/V, rash	1. Assess pain before and after 2. Check liver function / hx of liver disease 3. Educate caregiver on proper dosing 4. Monitor S/S of overdose / adverse reactions
pantoprazole	Proton pump Inhibitor (PPI)	Reduces stomach acid production	1mg/kg IV, Qday	Yes	10 ml of 0.9% NaCl administered over 2 mins	HA, diarrhea, nausea, abd pain	1. Check for allergy / Assess liver function 2. Observe for hypotension or dizziness 3. Ensure line compatibility 4. Teach reporting of SE
							1. 2. 3. 4.
							1. 2. 3. 4.
							1. 2. 3. 4.

## IM5 Clinical Worksheet – Pediatric Floor

<p><b>Student Name:</b> Binjay Kabua <b>Date:</b> 10/29/2025</p>	<p><b>Patient Age:</b> 12 yo <b>Patient Weight:</b> 24.1 kg</p>
<p><b>1. Admitting Diagnosis and Pathophysiology (State the pathophysiology in own words)</b> Pt adm with hyponatremia secondary to nausea and vomiting. When you vomit, you lose stomach fluids that contain sodium, chloride and water. This direct loss of sodium lowers the body's sodium level</p>	<p><b>2. Priority Focused Assessment You Will Perform Related to the Diagnosis:</b> Neuro, Cardiovascular, Musculoskeletal, GI and GU</p>
<p><b>3. Identify the most likely and worst possible complications.</b>  Most likely: dehydration/hypovolemia, electrolyte imbalance worsening, and GI irritation  Worse Possible: hyponatremia encephalopathy, cerebral edema, and seizure</p>	<p><b>4. What interventions can prevent the listed complications from developing?</b> Strict I/O monitoring, daily weights, administer antiemetics, oral rehydration solutions, IV fluid therapy, assess neuro status frequently</p>
<p><b>5. What clinical data/assessments are needed to identify these complications early?</b> Vitals signs (BP, HR, RR), I/O, daily weights, urine specific gravity, skin turgor and mucous membranes, muscle strength and tone, LOC, laboratory data (BUN, creatinine, Na, serum osmolality)</p>	<p><b>6. What nursing interventions will the nurse implement if the anticipated complication develops?</b> Stay with patient, monitor neuro status continuously, prepare to administer fluids, seizure precautions, reduce stimuli, monitor vital signs frequently,</p>
<p><b>7. Pain &amp; Discomfort Management: List 2 Developmentally Appropriate Non-Pharmacologic Interventions Related to Pain &amp; Discomfort for This Patient.</b></p> <ol style="list-style-type: none"> <li>1. Distracting stimulation: electronic activities</li> <li>2. Sensory comfort items such as weighted blanket or fidget toy</li> </ol>	<p><b>8. Patient/Caregiver Teaching:</b></p> <ol style="list-style-type: none"> <li>1. How to recognize signs of pain in autism – irritability, withdrawal, self-stimulatory actions or avoiding touch</li> <li>2. Use of visual pain tools or communication aids (faces chart, PECS board, tablet app)</li> <li>3. Comfort and calming strategies to use at home to reduce anxiety and help manage pain naturally</li> </ol> <p><b>Any Safety Issues identified:</b> Risk for injury from sensory overload or agitation</p>

<b>Student Name:</b> Binjay Kabua <b>Date:</b> 10/29/2025	<b>Patient Age:</b> 12 yo <b>Patient Weight:</b> 24.1 kg
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Abnormal Relevant Lab Tests	Current	Clinical Significance
Complete Blood Count (CBC) Labs		
WBC	16.54	Elevated – indicates infection
RBC	3.25	Low – less oxygen delivery to tissues
platelet	438	Slightly elevated – affects clotting
Metabolic Panel Labs		
ALT (SGPT)	94	Elevated – indicates liver cell injury
AST (SGOT)	64	Elevated – indicates liver or muscle cell injury
Na	0.4	Slightly low – not too concerning
Misc. Labs		
Absolute Neutrophil Count (ANC) (if applicable)	14.10	Elevated – infection, or inflammation
Absolute lymphocytes	1.17	Low – indicated mild stress on immune system or early infection stage
Absolute immature granulocytes	0.21	Elevated - infection
Lab TRENDS concerning to Nurse?		
H&H, WBC, ANC, platelet, AST, ALT, triglycerides, UA (ketones)		

**11. Growth & Development:**  
**\*List the Developmental Stage of Your Patient For Each Theorist Below.**  
**\*Document 2 OBSERVED Developmental Behaviors for Each Theorist.**  
**\*If Developmentally Delayed, Identify the Stage You Would Classify the Patient:**

**Erickson Stage:** Industry vs. inferiority

1. Seeking accomplishments: refuse to walk if unsure or is anxious about unfamiliar task
2. Preference for tasks he can succeed in: rather play video games on his phone than trying to walk because success is predictable.

**Piaget Stage:** Concrete operational

1. Logical thinking about concrete tasks: can understand step-by-step instructions
2. Difficulty with abstract thinking: “walking is good for recovery” may not be motivating unless tied to something concrete and immediate

<b>Student Name:</b> Binjay Kabua <b>Date:</b> 10/29/2025	<b>Patient Age:</b> 12 yo <b>Patient Weight:</b> 24.1 kg
<b>Please list any medications you administered or procedures you performed during your shift:</b> Did not administer any medications or perform any procedures (only help ambulate pt)	

**Pediatric Floor Patient #1**

INTAKE/OUTPUT													
<b>PO/Enteral Intake</b>	07	08	09	10	11	12	13	14	15	16	17	18	Total
PO Intake/Tube Feed													
Intake – PO Meds													
<b>IV INTAKE</b>	07	08	09	10	11	12	13	14	15	16	17	18	Total
IV Fluid						75	75	75	75	75	75		450
IV Meds/Flush													
<b>Calculate Maintenance Fluid Requirement (Show Work)</b> 10x100=1000. 1000+500+82 = 1582/24hrs=65.9mL/hr. 10x50=500 4.1x20=82							<b>Actual Pt IV Rate 75mL/hr</b>  <b>Rationale for Discrepancy (if applicable)</b> Not enough PO intake to sustain fluid status						
<b>OUTPUT</b>	07	08	09	10	11	12	13	14	15	16	17	18	Total
Urine/Diaper						X1	X1		X1				
Stool						X1	X1						
Emesis													
Other													
<b>Calculate Minimum Acceptable Urine Output</b>  0.5x24.1=12.05mL/hr.							<b>Average Urine Output During Your Shift</b> Not observed – did not weigh, mom @bedside and did care. Output report per mom						

## Pediatric ED Reflection Questions

1. What types of patients (diagnoses) did you see in the PED? Ankle fx, suicidal ideation, cyst, cold, seizure, and pinkie fx
2. The majority of the patients who came into the PED were from which age group? Was this what you expected? School age and adolescents, yes
3. Was your overall experience different than what you expected? Please give examples. Yes, I came into it expecting more action but overall was a good learning experience. I got to assist in a reduction and got to see a cast being put on, which was interesting and way different than how I thought it's normally put on.
4. How did growth and development come into play when caring for patients (both in triage and in treatment rooms)? **School-age (6–12 yrs):** Likes to help, understands step-by-step instructions, responds to honest explanations and distraction. **Adolescent (13–18 yrs):** Seeks independence, understands consequences, needs privacy, responds to respectful communication and involvement in decisions.
5. What types of procedures did you observe or assist with? Closed reduction – assisted by helping hold leg while surgeon put on cast
6. What community acquired diseases are trending currently? Rhino, strep, and “stomach bug”
7. What community mental health trends are being seen in the pediatric population? Anxiety, depression, SI
8. How does the staff debrief after a traumatic event? Why is debriefing important? Staff debrief after a traumatic event by reviewing what happened, discussing emotional reactions, and identifying lessons learned. This process is important to provide emotional support, reduce stress, and improve team communication and patient care.
9. What is the process for triaging patients in the PED? Utilize ESI (Emergency Severity Index) program which is a five-level triage system used in emergency departments to quickly identify how urgent a patient's condition is and how many resources they may need. Patients are assessed for life-threatening issues first, then assigned a level from 1 (most urgent) to 5 (least urgent), which helps ensure the sickest patients are treated first and improves overall ED efficiency.
10. What role does the Child Life Specialist play in the PED? Help comfort and prepare child for procedures.