

## What You Need to Know About –EDTC

### **Emergency Department/Trauma Center**

The Emergency Department/Trauma Center provides around-the-clock emergency health care for children with all types of illnesses and injuries. The Emergency Department is the starting point for many of the inpatient admissions to Children’s Hospital. Children’s Hospital of Wisconsin is verified as a Level 1 pediatric trauma center by the American College of Surgeons. The EDTC can have a volume of up to 250 patient per day and well beyond that during viral season.

<b>Location</b>	Center Tower, 1 <sup>st</sup> floor
<b>Getting Assignment</b>	Nurses pick up patients as patients arrive (triaged, walked back or arrive by ambulance). Nurses work by a collaborative-shift assignment model in the EDTC. During an 8, 10 or 12 hour shift, the RN assignment may fluctuate between roles. These roles include primary, triage, trauma, charge, resource, or flow coordinator. The ED has 50 beds, including both trauma rooms. We use 4 of our rooms for a process called Care Initiation, generally between 1pm and 11pm.
<b>Getting Report</b>	Individual to individual or from Charge Nurse at computer.
<b>Vital Signs IV checks</b>	<ul style="list-style-type: none"> <li>• VS done on all patients, repeated as needed per the patient’s acuity</li> <li>• IVs monitored hourly or as needed for patient care</li> <li>• Weights obtained on all children, heights also taken on children over 2 yrs</li> </ul>
<b>Labs (RN draws)</b>	<ul style="list-style-type: none"> <li>• RN will draw labs, usually when starting an IV</li> <li>• Lab will draw labs if no IV or RN unable to.</li> </ul>
<b>Medication Administration &amp; Classification</b>	<ul style="list-style-type: none"> <li>• RNs administer many classes of medications PO, NG, IV, PR, IN, etc</li> <li>• RNs assist in procedural sedation</li> </ul>
<b>High Risk Patients with Collaborative Practice Protocols</b>	<p><u>Sickle Cell Disease</u> – Acute chest syndrome-watch respiratory rate-rate is first sign (Chest pain, absent lung sounds), Fever, Pain- assess pain often (they will often say pain is 10/10, need very thorough assessment) administer pain medication</p> <p><u>Oncology</u> -- Fever &amp; Neutropenia</p> <p><u>Adult Transfers</u></p> <p><u>Stroke</u></p> <p><u>Asthma:</u></p> <p><u>EDTC DKA</u></p> <p><u>Febrile Neonate</u></p> <p>Nurses have protocol orders, if patient meets criteria: acetaminophen/ibuprofen, urine pregnancy, X-rays, bronchodilators &amp; Oral rehydration therapy (ORT)</p>
<b>Supplies</b>	Many supplies in bedside carts, have specialty rooms with specific supplies, and 2 supply rooms
<b>Monitors</b>	Cardiac Respiratory monitors in all rooms Portable monitors and pulse oximetry in department storage
<b>Alert System</b>	N/A
<b>Other</b>	Trauma room is staffed by a multidisciplinary team from throughout the hospital. RN Skills in EDTC: IVs, rapid assessment, aerosol treatments, suctioning, procedural sedation, triage, trauma care, respiratory assessments, etc.

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