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 has a volume of up to 300 patients per day.

Location	Center Tower, 1st floor
Getting Assignment	Nurses pick up patients as patients are 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, flow coordinator or other role. ED Green is the primary area of care for emergency room patients. It is staffed 24/7. The ED Gold area is usually open 14+ hours a day as our patient volumes increase. It typically sees ~ 50% of our patient volumes.
Getting Report	Individual to individual or from Charge Nurse at computer.
Vital Signs **IV checks**	• VS done on all patients, repeated as needed for chief complaint • IVs monitored hourly or as needed for patient care • Weights obtained on all children, heights also taken on children over 2 yrs
Labs (RN draws)	• RN will draw labs when ordered by MD, usually when starting an IV • Lab will draw labs if no IV or RN unable to.
Medication Administration & Classification	• RNs administer many classes of medications PO, NG, IV, PR, intranasal, etc • RNs assist in procedural sedation
High Risk Patients with Collaborative Practice Protocols	Sickle Cell Disease – 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 Oncology -- Fever & Neutropenia Oncology – Chemotherapy Asthma: Albuterol Aerosol Therapy Diabetic with Elevated Blood Sugar- iStat Febrile Neonate Collaboration Burn Care Stroke Adult with Chest Pain Nurse can order the following, if patient meets criteria: Acetaminophen/ibuprofen, urine pregnancy, X-rays, bronchodilators & Oral rehydration therapy (ORT)
Supplies	Many supplies in bedside carts, have specialty rooms with specific supplies, and 2 supply rooms
Monitors	Cardiac Respiratory monitors in ALS rooms Portable monitors and pulse oximetry in department storage
Alert System	N/A
Other	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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