	<b>Trauma Services</b>	No. 4073
	Title: <b>Trauma Registry- Shared</b>	Page: 1 of 2 Effective Date: 09/01/2020

A trauma registry is a disease specific collection of data that is composed of uniform data elements that describe the injury, demographics, prehospital information, diagnosis, care and outcomes of the trauma patient. The trauma registry is a vital and integral part of the trauma team. The trauma registrar, TPM, TNC, PI Coordinator, and TMD work closely together to improve patient outcomes based on data entries.

**PROCEDURES:**

- I. Trauma patients are identified through a variety of ways from Electronic Medical Record (EMR) daily by the Trauma Registrars.
- II. The Trauma Registrars review charts, collect data for input into the registry, generate reports, trend injuries and analyze data.
- III. Trauma data is reported at the monthly Trauma Performance Improvement Patient Safety (PIPS) meetings by the Trauma Registrars.
- IV. Data from the WakeMed trauma registry is submitted to the NC trauma registry on a weekly basis. All data submitted is void of patient identifiers and of hospital identifiers. Raleigh campus data is submitted to the American College of Surgeon’s national benchmarking program, TQIP on a quarterly basis.
- V. Reports from both the state and national level are available to WakeMed for benchmarking and review.

**REGISTRY CRITERIA:**

The following patient categories undergo monitoring and evaluation of care, identified by entry in the Trauma Registry:

- I. Diagnosis criteria for initial treatment of injury
  - a. The Trauma Registry follows the most current injury diagnosis criteria defined by the National Trauma Data Standard (NTDS) Data Dictionary
  - b. In addition, the Trauma Registry also includes diagnoses of drownings or asphyxiation as defined by the North Carolina Trauma Registry (NCTR) Data Dictionary
- II. Presentation for initial treatment of injury. In addition to the above diagnosis criteria, patients must have at least one of the following presentations to be included in the Trauma Registry
  - a. Hospital admission (from the emergency department or direct)
  - b. Death resulting from traumatic injury
  - c. Transfer from one acute care hospital to another
  - d. Trauma activation
    - i. Exception: All trauma activations that are not downgraded to non-activation status are included in the trauma registry regardless of diagnosis
    - ii. For trauma activations that do not meet the diagnosis criteria, a limited set of data is collected in the WakeMed Raleigh Trauma Registry

**Origination date:** 12/31/1998


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**I. ADDITIONAL RESOURCES**

- a. American College of Surgeons. 2020. *National Trauma Data Standard (NTDS)*. [online] Available at: <https://www.facs.org/quality-programs/trauma/tqp/center-programs/ntdb/ntds>
- b. Info.ncdhhs.gov. 2020. *NC DHSR OEMS: Trauma Education, Registry, And Research*. [online] Available at: <https://info.ncdhhs.gov/dhsr/EMS/trauma/traumaregistry.html>
- c. Resources for optimal care of the injured patient. (2014). Chicago, Ill.: American College of Surgeons, Committee on Trauma.

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