

Perlman Emergency Fellowship
NorthShore Health System
Syllabus: Trauma Module

- Length: Didactic hours: ____4 hours____
Lab hours: ____2 hours____ (includes sim lab, journal club, radiology time, etc)
Clinical hours: ____ongoing____
- Faculty: Alison Ruiz PA-C, Program Director
Joey Davidson, MD, Simulation Fellow
Alan Van Opstal, MD
- Course Description: This emergency medicine fellowship module will include an overview of pre-hospital trauma care including the categorization of trauma patients. The management of isolated and multi-system trauma, both penetrating and blunt will be addressed in moderate detail. ATLS protocols and guidelines will be presented including rapid assessment and primary treatment of injured patients from the time of injury and continuing through initial assessment, life saving interventions, reevaluation, stabilization, and when indicated transfer to a higher or specialized level of care. There will be a focus on special considerations applicable to certain patient populations including children, adolescents, pregnant women, and the elderly. This module will provide practice and supervision in the performance and interpretation of interpretation of selected diagnostic studies.
- Course Outcomes:
1. Demonstrate principles of primary and secondary trauma assessment and interventions.
 2. Diagnose and manage multi-system injuries in the ED patient.
 3. Diagnose and manage isolated blunt and penetrating injuries in the ED patient.
 4. Identify which patients require transfer to a tertiary care facility
 5. Perform selected invasive and non-invasive procedures in the assessment and treatment of trauma patients in the ED. Procedures include but are not limited to tracheal intubation, FAST exam, rapid vascular access, chest tube insertion, and c-spine immobilization
 6. Perform appropriate rapid volume restoration in adult and pediatric trauma patients
 7. Discuss considerations for the geriatric trauma patient
 8. Recognize when assistance is required in trauma patient management

9. Demonstrate timely notification of trauma team and sub specialists

Teaching methods: Didactic lectures/discussions, case studies, assigned readings, and other materials as assigned. Participation in simulation and other lab experiences. Precepted clinical hours.

Evaluation:

1. Weekly meeting with fellowship director to include discussion of exemplar case from clinical experiences
2. Simulation case study with evaluation
3. Evaluation of clinical preceptor
4. Evaluation of clinical procedures log

Course materials : Tintinalli, J. E., Stapczynski, J.S., Cline, D.M., Ma, O.J., Cydulka, R.K., Meckler, G. D. (2011) Tintinalli's Emergency Medicine A Comprehensive Study Guide (7th edition). Pgs 1671-1884.
Additional materials as assigned

Date: 7/14/14