

**Perlman Emergency Fellowship**  
**NorthShore Health System**  
Syllabus: Musculoskeletal 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
Course Description:	This emergency medicine fellowship module provides the principles of fractures, dislocations, and tendon and ligamentous injuries. This includes the diagnosis of non-traumatic/pathologic fractures as well. Skills in assessment, evaluation, and management including radiographic interpretation of musculoskeletal injuries in the ED are presented. A review of orthopedic injuries that occur secondary to child abuse is reviewed. This module also provides content of selected inflammatory conditions including bursitis and tendinitis. There is a focus on special considerations applicable to certain patient populations including children and the elderly. This course provides practice and supervision in the interpretation of radiographic films and scans.
Course Outcomes:	<ol style="list-style-type: none"><li>1. Identify, evaluate and manage common orthopedic injuries presenting to the ED, including fractures, dislocations, and other conditions.</li><li>2. Interpret radiologic images related to the orthopedic injuries and conditions.</li><li>3. Identify specific fracture types related to the mechanism of injury.</li><li>4. Choose and apply the appropriate splint or immobilization device for a given orthopedic injury</li><li>5. Diagnose and manage inflammatory conditions including bursitis and tendinitis.</li></ol>
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:	<ol style="list-style-type: none"><li>1. Weekly meeting with fellowship director to include discussion of exemplar case from clinical experiences</li><li>2. Simulation case study with evaluation</li></ol>

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 (7<sup>th</sup> edition). Pgs 1709-1716, 1783-1910

Adams , J.G., Barton, E.D, Collings, J., DeBlieux, P.M., Gisondi, M.A., Nadel, E.S., Emergency Medicine (2008). Pgs 770-773

Additional materials as assigned

Date: 9/5/14