

**Perlman Emergency Fellowship**  
**NorthShore Health System**  
Syllabus: Cardiology Module

Length:	Didactic hours: 12 hours Lab hours: ___4___ (includes sim lab, journal club, radiology time, etc) Clinical hours: _variable_____
Faculty:	Joey Davidson, MD fellowship program director Myriam Riboh, PA-C Martin Grais, MD- Cardiologist Pam DeAngeles, PA-C
Course Description:	This emergency medicine fellowship module will include the assessment, diagnosis, and management of congenital abnormalities of the CV system, disorders of circulation, disturbances in cardiac rhythms, diseases of the myocardium, disease of the pericardium, endocarditis, HTN, and valvular disorders. There will be a focus on special considerations applicable to certain patient populations including neonates, children and the elderly. This course will provide practice and supervision in the interpretation of radiographic films and scans.
Course Outcomes:	<ol style="list-style-type: none"><li>1. Identify and manage congenital abnormalities of the CV system, disorders of circulation, disturbances of cardiac rhythms, diseases of the myocardium, disease of the pericardium, endocarditis, HTN, and valvular disorders presenting to the ED.</li><li>2. Interpret radiologic images related to the heart and cardiac disease.</li><li>3. Identify cardiac illnesses specific to children.</li><li>4. Interpret 12 lead EKGs for STEMI, ACS, and changes commonly seen with pulmonary embolus, and electrolyte abnormalities.</li><li>5. Interpret cardiac rhythm disturbances of the atria, junction, and ventricles and manage each according to ACLS guidelines, and evidence based practice</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:

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 (7<sup>th</sup> edition) pgs 415-422, 430-463

Adams , J.G., Barton, E.D, Collings, J., DeBlieux, P.M., Gisondi, M.A., Nadel, E.S., Emergency Medicine (2008). Pgs 573-587, 589-596, 597-615, 620-634, 679-686

APLS. The Pediatric Emergency Medicine Resource. Revised 4<sup>th</sup> edition (2007)pages 106-140

ACLS manual

Additional materials as assigned

Attachments:

1. Topical outline
2. Schedule
3. Details related to assignments, if any
4. Locations of clinical experiences and information about the site
5. Procedure list

Date: 5/27/14