**April 2019 Simulation N6531**

Students in N6531: Advanced Practice Primary Care of the Child, will participate in several activities in culmination of learning experiences throughout the semester.

***Learning Experiences and Objectives:***

1. Well-Child case with a murmur
   1. Identify clinical manifestations of murmurs
   2. List the important information to elicit in the assessment of a new patient with a murmur
   3. Discuss the reasons a referral to a pediatric Cardiologist is needed.
   4. Demonstrate ability to identify pediatric heart and lung sounds.
   5. Develop anticipatory guidance, immunization schedule and well child information for 5 year old well-child visit.
2. Otosim cases
   1. Students will be able to evaluate tympanic membranes of a pediatric patient with otoscope.
   2. Students will be able to diagnose and treat acute ear issues based on exam
3. Respiratory cases
   1. Students will be able to demonstrate appropriate history taking in a pediatric patient with a caregiver at the bedside.
   2. Students will be able to assess pediatric patient with acute respiratory complaint.
   3. Students will be able to diagnose and treat acute respiratory issue based on exam.

***Your task:***

You will rotate through each station for 40 minutes (see schedule on Brightspace). You will examine and diagnose each patient. You will then come up with a treatment plan for that patient.

**You need to wear professional dress including your lab coat and Vanderbilt ID. Bring a stethoscope and writing pen.** Please have the simulation workbook readily available (either printed or electronic format) so you can begin working on assignment as you cycle through stations. This document is on Brightspace.

***Concepts to review:***

1. Pediatric Well-Child exams (Please see Lecture and Bright Futures website for guidance on well-child visits. Also be prepared to review immunizations)

2. Pediatric cardiology (murmur specific—review articles below)

* <http://jama.jamanetwork.com/article.aspx?articleid=1217241>
* <http://www.aafp.org/afp/2011/1001/p793.html>

3. Pediatric respiratory complaints including the escalation and de-escalation of asthma therapy (for preparation for respiratory cases)

4. Pediatric ENT complaints (for preparation for otosim cases)

Think about the important differential diagnoses to consider for the patient with the above presentations. What are critical elements to gather from the history and what kind of physical exam would help you rule in and out relevant differentials? What are some common tests you might want to order to confirm your diagnosis?

***Assignment:***

You will complete the simulation workbook and submit an electronic version to the dropbox on Brightspace 24 hours after your simulation experience. No handwritten copies please. Workbook can be found in Brightspace.

**Debrief:**

After the simulation experiences, we will meet as a group and go over what was learned from the experience and how to grow from this experience.