GENERAL INFORMATION

Course Details & Information
- Course Name: Pediatrics
- Course Number:
- Graduating Class Year: DO 20
- Discipline: Clinical
- Course Option Type: Required

Course Administration & Duration
- Department: Specialty Medicine
- Method:
- Director: Marianka Pille, MD
- Credit Hours: 4
- Dates: variable 8/6/18 – 5/19/19

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<tr>
<th>Role</th>
<th>Name</th>
<th>Email</th>
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<tr>
<td>Director</td>
<td>Marianka Pille, M.D</td>
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General Course Description
The core pediatric clerkship provides an introduction to the evaluation and management of children from infancy through adolescence. The student will learn the approach to assessment of ill children, along with the management of common pediatric illnesses and emergencies. The student will also learn to conduct a health maintenance examination, including particularly relevant components of the physical examination for various ages, age-appropriate anticipatory guidance, developmental evaluation, immunizations etc.

Students have a personal responsibility for their own education and for the development of life-long learning skills. They must interact with all staff, including their peer and their teachers, in a manner that demonstrates respect for everyone and that promotes personal and group learning.
**Course Goals, Objectives & Competencies**

1. Build confidence in examination skills and familiarity with important findings at different ages.
2. Recognize common pediatric illnesses, order and interpret necessary testing, and develop a treatment plan.
3. Recognize the importance of routine well child care, anticipatory guidance, and immunizations in preventing illness and injury; describe the components of well child care at various ages.
4. Establish familiarity with developmental milestones.
5. Develop proficiency in interviewing patients and their families, establishing rapport and shared decision making.
6. Explain the role of the pediatrician in advocacy both for individual patients and for children as a population.

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<tr>
<th>AOA/AACOM Competencies</th>
<th>Course Objectives</th>
<th>Assessment Types</th>
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<tr>
<td>I.1.a I.1.b I.2.i I.3.a III.3.a III.1.a III.1.b III.1.c III.1.f III.1.i III.1.k IV.1.a IV.1.b IV.1.c IV.1.d IV.1.e IV.1.f IV.1.g IV.1.h IV.1.i IV.2.a IV.2.b IV.2.c IV.2.d IV.2.e IV.2.f IV.2.i IV.2.k V.2.a</td>
<td>Conduct an age-appropriate interview, focusing on the patient as age and condition allow, with the input of the parent/guardian.</td>
<td>Clinical Performance Rating/Checklist Oral Patient Presentation Participation</td>
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<td>I.3.b I.4.a III.1.d III.1.f III.1.g III.3.a V.2.a</td>
<td>Perform an age-appropriate physical exam, recognizing findings specific to different age groups and presenting complaints.</td>
<td>Clinical Performance Rating/Checklist Narrative Assessment Oral Patient Presentation</td>
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<td>I.4.a I.4.b I.4.c I.4.e II.3.a II.3.c II.3.d III.1.g III.1.k III.2.a III.2.b III.2.c IV.4.a IV.4.b V.3.c V.5.e VI.4.a VI.4.c VI.4.d VII.3.b</td>
<td>Design a diagnostic approach for common pediatric diseases and complaints using findings from history and physical to inform decision-making.</td>
<td>Clinical Performance Rating/Checklist Exam - Nationally Normed/Standardized, Subject Narrative Assessment</td>
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<tr>
<td>I.1.b I.6.c III.4.a III.4.b III.4.e III.4.g III.4.i III.4.j IV.2.h V.2.a V.5.e VI.4.a VI.4.d</td>
<td>Choose appropriate medications for common pediatric conditions including otitis media; discuss the rationale for choosing a particular medication and accurately write a prescription using weight-based dosing. Outline the role of non-pharmacologic treatments including IV fluids, therapies, and specialty referrals for common pediatric conditions.</td>
<td>Clinical Documentation Review Clinical Performance Rating/Checklist Exam - Nationally Normed/Standardized, Subject Oral Patient Presentation Participation</td>
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<td>I.1.a I.4.b III.1.g III.1.h III.1.k</td>
<td>Interpret the growth chart and recognize when abnormal growth reflects systemic disease.</td>
<td>Clinical Documentation Review Clinical Performance Rating/Checklist Exam - Nationally Normed/Standardized, Subject</td>
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<tr>
<td>Section</td>
<td>Objective</td>
<td>Assessment</td>
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<td>II.3.f  II.3.g  III.1.j  III.4.k  III.5.a  III.5.b  III.5.c  V.1.b  V.1.d  V.1.e  V.2.c  V.3.a  V.4.h  V.7.c  VII.2.a  VII.2.b  VII.4.c  VII.4.d  VII.5.c</td>
<td>Relate and demonstrate the components of a pediatric health supervision visit, including developmental assessment, growth assessment, history, exam, and anticipatory guidance.</td>
<td>Clinical Documentation Review</td>
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<td>III.1.g  III.6.c  V.2.a  V.3.e  V.4.h  V.6.a  V.6.c  VI.5.e  VII.4.e  VII.5.a  VII.5.c  VII.5.e  VII.5.f</td>
<td>Summarize common clinical findings in child physical and sexual abuse, and explain the approach to management.</td>
<td>Exam - Nationally Normed/Standardized, Subject Oral Patient Presentation Participation</td>
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<td>III.1.a  III.1.b  III.1.c  III.1.f  III.5.d  III.5.e  III.5.f  III.6.c  IV.1.a  IV.1.b  IV.1.c  IV.1.d  IV.1.e  IV.1.f  IV.1.g  IV.1.h  IV.1.i  IV.2.a  IV.2.b  IV.2.c  IV.2.d  IV.2.e  IV.2.f  IV.2.g  IV.2.h  IV.2.i  IV.2.j  IV.2.k  V.1.d  V.3.e  VI.6.a  V.6.c  V.7.b</td>
<td>Outline approaches to history-taking, patient management, and confidentiality that apply in specialized ways to adolescents.</td>
<td>Clinical Documentation Review</td>
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<td>II.1.j  III.1.b  III.1.h  III.6.b  III.6.c  V.6.a</td>
<td>Assess maternal history as it relates to the care of the newborn and describe the laboratory evaluation and treatment of conditions specific to the newborn (examples include sepsis, jaundice, and hypoglycemia).</td>
<td>Clinical Documentation Review</td>
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Pediatric Clerkship Syllabus
DO Class 2020
**Resources**

**Reference Text (Required):**


*The Harriet Lane Handbook will be invaluable on daily patient rounds and should be quickly available for patient management, 21st edition 2018*

**Reading Text (Required):**

Daniel Bernstein, Steven Shelov *Pediatrics for Medical Students* 3rd edition Lippincott Williams and Wilkins 2012

**Reference Text (Suggested):**


**ASSIGNMENTS**

1. AQUIFER Cases: 27 AQUIFER cases at https://www.meduapp.com (cases 5-12, & 14-32) **REQUIRED**  
   *AQUIFER Cases must be completed by the last day of the rotation, no exceptions.*
   Other videos that may be of use during this or other pediatric rotations from the NEJM can be viewed at: [http://www.nejm.org/multimedia/medical-videos#qs=%3Fsorder%3Dscore%26description%3Dvideosinclinicalmedicine%26searchType%3Dfigure%26topic%3D4](http://www.nejm.org/multimedia/medical-videos#qs=%3Fsorder%3Dscore%26description%3Dvideosinclinicalmedicine%26searchType%3Dfigure%26topic%3D4)
3. CORE Cases, also at [https://www.meduapp.com](https://www.meduapp.com) (cases 11 and 12 Pediatric Radiology A and B) are recommended

**PEDIATRIC POST ROTATION EXAMINATION**

Des Moines University Division of Pediatrics requires the completion of the NBOME-COMAT pediatric subject examination with a passing standard score of 80 or greater. The NBOME-COMAT pediatric exam is a web-based exam administered by the NBOME. This exam is accessed via the NBOME website consists of 125 test items, with a 2.5 hour time limit and a 5 minute tutorial prior to starting the exam. A DMU approved proctor at your rotation site must proctor your exam. This exam will provide the student an opportunity to be informed of his or her progress nationally. **The pediatric examination must be taken on the Thursday or Friday of the last week of the required pediatric rotation.** However, if this is not possible, you must contact the division via phone or email for consideration of an extension in completing this exam.

This examination is based on the objectives in this syllabus, the material learned in the AQUIFER cases, and the lectures delivered during the first two years of classroom, laboratory and simulation experiences that each student has completed prior to beginning the clerkship. The breakdown of topics for this post rotation exam can be found at the following link [https://www.nbome.org/exams-assessments/comat/clinical-subjects/comat-pediatrics/](https://www.nbome.org/exams-assessments/comat/clinical-subjects/comat-pediatrics/)

The post rotation exam should be arranged, by the student, through the DMU Pediatric Division and the approved DMU proctor at the site. This exam will provide the student an opportunity to be informed of his or her progress in the clerkship.
A remediation COMAT exam will be available to those not receiving the standard score of 80 or above on the initial exam. The pediatric retake exam is to be taken within two-weeks of the exam failure email notification.

Those failing the retake by not receiving a standard score of 80 or above will be required to complete an oral examination with at least two members of the DMU Faculty. The student will be notified by the Pediatric Division Academic Assistant once the grades are received. If there is a failure of this exam the Pediatric Academic Assistant will schedule a Pediatric Oral Examination.

The oral exam will be video-taped/recorded with two DMU faculty members and cover material provided by the pediatric division. The student will be required to answer the questions practically, clinically and specifically on both medical knowledge and application. The final exam grade will be determined by the Division of Pediatrics at the completion of the oral examination. For any passing score on the retake exam or oral exam, a standard score of 80 will be reported to the office of Clinical Affairs.

The student is responsible for making all arrangements including: scheduling of the exam time with the Division of Pediatrics, scheduling time away from their rotation that they are presently on, and all travel arrangements and expenses.

Failure to complete the required examinations within the specified time period will result in failure of the rotation.

FORMATIVE ASSESSMENT

Students are required to request mid rotation feedback from their preceptor and implement at least one of the suggested changes. At the conclusion of the rotation, the student will be required to write a short summary of what change they made and how it enhanced their education. This will occur on the site evaluation and is required for passing the rotation. Students who encounter barriers in obtaining their mid-rotation feedback should notify the clerkship director within 1 week.