



## PEDS 500 Pediatrics

### **Clerkship Description**

In this clerkship, students acquire knowledge about the process of growth and development and about common diseases and conditions of childhood. Students work with children and families together to develop an understanding of the importance of preventive medicine and how social and environmental factors affect young people.

Credit: 6 credits

**Clerkship Overview:** The goals of the Department of Pediatrics for the education of third-year students include helping the students to acquire knowledge about the process of growth and development and about common diseases and conditions of childhood. Goals also include enabling students to work with children and families together to develop an understanding of the importance of preventive medicine and how social and environmental factors affect young people. During the clerkship, the preceptors will model and reinforce the principles of acquiring lifelong learning skills.

**Clerkship Structure:** The clerkship is structured upon the principle that learning is a process which can be accomplished only by active participation by the student. The role of the faculty preceptor is to provide guidance, stimulation, support and example.

### **Entrustable Professional Activities**

As a fourth-year student, the focus of skills development are those tasks important for entering residency training:

- Gather a history and perform a physical exam
- Prioritize a differential diagnosis following a clinical encounter
- Recommend and interpret common diagnostic and screening tests
- Enter and discuss orders and prescriptions
- Document a clinical encounter in the patient record
- Provide an oral presentation of a clinical encounter
- Form clinical questions and retrieve evidence to advance patient care
- Give or receive a patient handover to transition care responsibility
- Collaborate as a member of an inter-professional team
- Recognize a patient requiring urgent or emergent care and initiate evaluation and management
- Obtain informed consent for tests and/or procedures
- Perform general procedures of a physician
- Identify systems failures and contribute to a culture of safety and improvement

### **General Clerkship Objectives**

Medical Knowledge

- Understand the pathophysiology, epidemiology, and management of common acute and chronic pediatric illnesses and disabilities, including the following:
  - Newborn jaundice
  - Sepsis in a newborn
  - Congenital heart disease in a newborn
  - Respiratory distress syndrome
  - Hypoglycemia
  - Growth abnormalities/failure to thrive
  - Pediatric nutrition
  - Fluid and electrolyte management
  - Immunization schedules
  - Developmental milestones
  - Usual childhood diseases
  - Congenital abnormalities
  - Inborn errors of metabolism
  - Cerebral palsy and muscular dystrophy
  - Asthma
  - Obesity
  - Diabetes
  - Child abuse
  - Gastroenteritis
  - Diarrhea and dehydration
  - Otitis media
  - Common viral and bacterial exams including roseola, measles, varicella, mumps, fifth disease, and streptococcal rash
- Describe variants of normal and abnormal physical growth and intellectual, social and motor development in children
- Identify the rationale for and components of a health supervision visit, including immunizations and screening tests, based on age

#### Patient Care

- Demonstrate skills in interviewing and obtaining a complete medical history with children and/or their families, from newborn to 21 years of age
- Conduct a complete pediatric physical exam appropriate to the nature of the visit or complaint
- Document the history, physical exam, and assessment and plan using an organized format appropriate to the clinical situation
- Develop age appropriate differential diagnoses, clinical assessments and management plans for common acute pediatric illnesses
- Interpret the results of basic diagnostic tests, recognizing the age appropriate values
- Assume responsibility for the initial and follow up care of the patient under the supervision of residents and faculty

#### Interpersonal and Communication Skills

- Demonstrate effective and comfortable verbal and non-verbal communication skills with children and their families
- Present a complete, well organized verbal summary of the patient's history and physical examination findings, including an assessment and plan, modifying the presentation to fit the time constraints and educational goals of the setting
- Effectively communicate information about the diagnosis and plan to the entire health care team
- Effectively communicate information about the diagnosis and plan to the family and assess the families' understanding of this information

#### Professionalism

- Demonstrate the development of humanistic attitudes in dealing with well, acutely ill, and

chronically ill pediatric patients and their families

- Demonstrate a positive attitude for education by showing intellectual curiosity; initiative; honesty; integrity; responsibility; maturity in soliciting, accepting, and acting on feedback; dedication to being prepared; and reliability in all clinical and educational settings
- Demonstrate communication skills with patients and families that convey respect, integrity, flexibility, sensitivity, and compassion

#### Systems-Based Practice

- Develop an understanding of the child and families' perspectives of being cared for within our health care system
- Recognize the impact of social, cultural and environmental factors on the health of young people
- Describe the importance of access to and common barriers to medical care as a determinant of health
- Describe the role and responsibility of physicians in linking children and their families with community resources and the services offered by those resources

#### Practice-Based Learning

- Appreciate the role of established research and personal inquiry in advancing pediatric care
- Establish a pattern of continuous inquiry into the problems of human health and development, referring to basic texts and current literature
- Search for relevant clinical information using electronic databases and critically appraise the information obtained to make evidence-based decisions regarding the care of your patients

## Expected Skills for Pediatrics Clerkship

### Introduced/practiced

- Give/receive patient handover

### Expected to perform

- |                                      |  |
|--------------------------------------|--|
| • History and physical               | cardiovascular/respiratory)              |
| • History of present illness         | • Gloving                                |
| • Obtain past medical history        | • Differential diagnosis                 |
| • Obtain family history              | • Interpret lab tests                    |
| • Obtain personal and social history | • Discuss orders/prescriptions           |
| • Review of systems                  | • Formulate treatment plan               |
| • Obtain vital signs                 | • Demonstrate evidence-based medicine    |
| • Patient note/SOAP note             | • Collaborate as a team member           |
| • Patient presentation               | • Demonstrate appropriate behaviors of a |
| • Focused Exam (H&N, ENT,            | physician                                |

## Textbooks and Resources

Kliegman RM, BMD Stanton, J St. Geme, NF Schor. 2016. *Nelson Textbook of Pediatrics*, 20<sup>th</sup> edition. Elsevier Publisher [ISBN: 978-1-4557-7566-8]

Toy EC, RJ Yetman, MD Hormann, MC McNeese, SL Lahoti, et al. 2016. *Case Files Pediatrics*, 5<sup>th</sup> edition. McGraw-Hill Lange Publishers [ISBN-13: 978-0071839952 ISBN-10: 9780071839952].

Students have access to online reference resources through the Trinity Medical Sciences University Library and Access Medicine. Medical libraries and other learning resources are available at all hospital-

based clerkship sites. Students also have access to the comprehensive Kaplan Step 2 CK preparatory materials which include lecture notes and instructional videos.

## Evaluation

The evaluation will include the entrustable professional activities. The Pediatrics preceptor will evaluate the following.

- EPA 1: Gather history and perform a physical examination
- EPA 2: Prioritize a differential diagnosis
- EPA 3: Recommend and interpret common diagnostic and screening tests
- EPA 4: Enter or discuss orders and prescriptions
- EPA 5: Document a clinical encounter in the patient record
- EPA 6: Provide an oral presentation of a clinical encounter
- EPA 8: Give or receive a patient handover to transition care responsibility
- EPA 9: Collaborate as a member of an inter-professional team
- EPA 10: Recognize a patient requiring urgent or emergent care and initiate evaluation and management

## GRADES

Core clerkships are graded Pass, High Pass, Honors, and Fail. Components of the final grade include:

- Evaluations (mid-clerkship, final, student)
- Case Logs (NI)
- Patient Encounters
- Attendance
- NBME Shelf Score

A student who does not pass the NBME shelf exam will receive an Incomplete in the clerkship. See the Clerkship Manual for additional information.

## POLICIES

For a complete discussion of clerkship policies, refer to the [Clerkship Manual](#) and the [University Catalog and Student Handbook](#).

## STUDENT GRIEVANCE POLICY

Trinity Medical Sciences University (TMSU) is committed to treating all members of the academic community fairly with regard to their personal and professional concerns. The student complaint policy and procedure ensure that concerns are promptly dealt with and resolutions reached in a fair and just manner. The University's procedure enables students to bring complaints and problems to the attention of the TMSU's administration.

A grievance is a complaint arising by an action by an individual and may include, but are not limited to the following:

- Academic programs or courses
- Discrimination
- General mistreatment
- Harassment, including sexual violence
- Mentoring
- Privacy of student educational records
- Privacy of student health records
- Security and safety
- Research
- Student health

The process for filing a grievance is found in the Clerkship Manual and the University Catalog and Student Handbook. For additional questions and guidance, contact the Sr. Associate Dean for Clinical Clerkships or the Associate Dean for Admissions and Student Affairs. TMSU forbids any retaliatory action against students who present concerns and complaints “in good faith”

#### **ATTENDANCE POLICY**

Students are expected to be present (and early) at clerkship sites as scheduled by the preceptor. Night call, weekend coverage, and holiday assignments may be included. Absences, for any reason, must be reported immediately to the Clerkship Administrator and preceptor. Absences may have disciplinary actions if not reported as outlined in the Clerkship Manual and by the preceptor.

#### **CONDUCT**

The University expects all students to be responsible individuals who possess the highest standards of integrity, honesty and personal conduct. These traits are prerequisites to independent learning, professional development, the successful performance of academic and clinical assignments, and the conduct of one’s personal life. Accordingly, students are expected to adhere to a standard of behavior consistent with the University’s high standards at all times off and on campus. Compliance with institutional rules and regulations, in addition to city, state and federal laws, is expected.

### **Trinity School of Medicine Faculty Contact Information**

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