PEDS 601
Pediatric Emergency Medicine

Elective Description
This elective will expose the student to a broad spectrum of pediatric disease and trauma in the Emergency Medicine service. Focus will be on the chief complaint while simultaneously assessing the entire child to differentiate between "well child" and an "ill child."

Credit: 2-4 semester credits

Prerequisites: PEDS 500

Elective Structure. The emphasis in this clerkship will be the following topics:
- Acute signs and symptoms
- Toxicology
- Environmental Medicine
- EMS/Prehospital Care
- Trauma

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 patent 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 Course Objectives
Medical Knowledge
- Describe the concept of Emergency ABCs

Patient Care
- Participate as a member of the Emergency Department team for the initial evaluation of the undifferentiated Emergency Medicine patient and stabilization of acutely ill patients

- Improve and enhance skills to approach traumatic injuries with priority to life-threatening problems as well as for less acute injuries
- Participate in, or be able to describe, the management of patients with toxic exposures in general, along with specific, common overdoses
- Participate in, or be able to describe, the management of common environmental illnesses

Interpersonal and Communication Skills
- Demonstrate organized, complete written documentation
- Demonstrate knowledge of accessing data and information systems

Systems-based Learning
- Describe the structure and functions of the EHR system

Detailed Learning Objectives

- Demonstrate an understanding of patient right to treatment, refusal of treatment, and when care needs to be performed against a patient's will
- Demonstrate a rapid, focused but thorough history and physical examination
- Demonstrate appropriate usage and interpretation of laboratory and ancillary tests
- Demonstrate an efficient, cost effective approach to diagnosis and treatment planning
- Recognize and demonstrate initial treatment for life threatening emergencies
- Demonstrate placement of peripheral IV's and Foley catheters.
- Demonstrate the ability to provide differential diagnoses for a given specific chief complaint and patient characteristics
- Demonstrate the ability to use history, physical exam and ancillary studies to test initial diagnoses
  - Demonstrate the ability to re-rank differential diagnoses based upon information gathered
- Be able to describe the presentation, evaluation, and treatment for the following presentations:
  - Role of prehospital care/EHR
  - Emergency airway management
  - Major airway management
  - Major trauma
    - Initial assessment and management of
    - Evaluation and management of:
      - Head injury
      - Spine injury
      - Chest injury
      - Abdominal injury
  - Minor trauma
  - Burns
    - Evaluation and stabilization of major burns
  - Bites and stings
  - Drowning
  - Hypothermia and exposure
  - Substance abuse
  - Poisoning and drug ingestion
  - Chest pain
  - Abdominal Pain

REQUIRED TEXTBOOKS and Other Resource Material

Toy, EC, B Simon, TH Liu, KY Takenaka, AJ Rosh. 2013. *Case Files in Emergency Medicine*, 2nd edition. McGraw Hill, New York. [ISBN 9780071768942]

Evaluation

The evaluation will include the entrustable professional activities. The clerkship preceptor will evaluate those relevant to this clerkship experience.

GRADES

This elective is graded Satisfactory/Unsatisfactory.

POLICIES

ACADEMIC DISHONESTY

The University holds its students to the highest standards of intellectual integrity. Therefore, the attempt of any student to pass any examination by improper means, present work which the student has not performed or aid and abet a student in any dishonest act may result in disciplinary action including immediate dismissal. Any student witnessing or observing a perceived violation of academic dishonesty is required to report it as outlined in the Guidelines. Students failing to report an observed violation may also receive disciplinary action.

ATTENDANCE POLICIES

Attendance of lectures and laboratories is based on the University's stated attendance policy. Refer to the Student handbook for more information.

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.

COPYRIGHT POLICY

Trinity Medical Sciences University must respect and observe the right and privileges of copyright holders, obey the United States Copyright Act and preserve the integrity of its internal network systems. All students must sign the technology and software use policy. A copy of this policy may be obtained from the Information and Technology Department.

DRESS CODE

All students are expected to maintain the highest standards of professional appearance at all times. During years one and two and while on campus. Medical students are required to wear scrubs or white coats with appropriate dress. Appropriate dress for clinical students includes business slacks with open-collar shirt for men, and business slacks or skirt with professional shirt or sweater for women.

Trinity School of Medicine Faculty Contact Information

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