



IMED 602 Dermatology

Elective Description

This elective clerkship will introduce the student to clinical dermatology and the correlation of skin changes to other medical conditions.

Credit: 2-4 semester credits

Prerequisite: IMED 500

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

- Review and be able to discuss the following terms and the applications to dermatology
 - Collagen
 - Stratum corneum
 - Keratinocytes
 - Melanocytes
 - Elastin
 - Dermal blood vessels
 - Eccrine and apocrine glands
 - Hair follicles
 - Mast cells and their mediators
 - Cutaneous immune system
 - Pathophysiology of UV irradiation

- Wound healing
- Know the etiology of and be able to identify the following
 - Acne vulgaris
 - Actinic keratoses and non-melanoma skin cancer
 - Pigmented lesions
 - Common benign cutaneous growths
 - Dermatitis
 - Pruritus and xerosis
 - Psoriasis
 - Impetigo and cellulitis
 - Syphilis
 - Viral infections
 - Pityriasis versicolor and candidiasis
 - Tinea (Dermatophyte) infections
 - Parasitic infestations
 - Urticaria and drug eruptions
 - Leg ulcers
 - Skin signs of systemic disease
 - Skin signs of HIV infection

Patient Care

- Know how to do a good history and physical, i.e., describe lesions of color, size, exposure history, changes of lesions, hair patterns, nail problems.
- Be able to appropriately apply (recommend) KOH examination, gram stain, Tzanck preparation and oil preparation of samples (See Bedside Testing in AAD reference)
- Know how to screen for cutaneous malignancies.
- Know how to treat skin infections, skin cancer, and drug eruption.

Interpersonal and Communication Skills

- Encourage health maintenance with education on sunscreen use, surveillance of suspicious lesions.
- Demonstrate caring and respectful behaviors when interacting with patients.
- Demonstrate cultural sensitivity

Professionalism

- Apply ethical principles including patient autonomy, privacy, and confidentiality.
- Demonstrate self-knowledge, recognize limits of knowledge/experience and seek help appropriately.
- Demonstrate commitment to professional responsibilities and sensitivity to a diverse patient population

Practice-Based Learning

- Identify risks for specific illnesses that affect screening and treatment strategies.
- Encourage lifestyle changes to support wellness (reduced sun and tanning beds, use of sun screens)

Systems-based Practice

- Discuss the importance of a cost-effective approach to the diagnostic work-up.

REQUIRED TEXTBOOKS and Other Resources

Harrison's Textbook of Internal Medicine

American Academy of Dermatology Medical Student Core Curriculum: <http://www.aad.org/education-and-quality-care/medical-student-core-curriculum>

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

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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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