



DERMATOLOGY (Conditions of the Skin)

Goals: The goal of the Dermatology rotation is to provide learning opportunities that will enable students to develop the knowledge, skills, and attitudes necessary to:

1. Diagnose and treat those conditions most commonly seen in Primary Care, as well as those important but rare conditions needing specific care or referral.
2. Perform a competent and relevant history and physical examination, including the ability to adequately describe the findings.
3. Perform the diagnostic and therapeutic procedures necessary for adequate care in Primary Care Medicine.
4. Feel comfortable with the selection, indications, and contraindications of dermatologic compounds both topical and otherwise.

Objectives: Upon completion of this rotation, students will demonstrate:

1. Understanding of appropriate terminology for the arrangement, distribution, type and pattern of lesions seen on the skin.
2. Understanding of indications for systemic evaluation, including HIV, syphilis.
3. The ability to comfortably diagnose and treat the following conditions:
 - a. Dermatitis, including: contact, atopic, exfoliative, nummular, stasis, diaper.
 - b. Papulosquamous, including: seborrhea, psoriasis, pityriasis rosea, superficial fungal infections, miharia, lichen planus.
 - c. Vesiculobullous, including: impetigo, herpes, varicella, erythema multiforme.
 - d. Macular Eruptions, including: viral exanthem, drug eruption.
 - e. Urticarial Eruptions, including hives, angioedema, dermatographism.
 - f. Nodules , including erythema nodosum, dermatofibroma, granuloma annulare, sarcoid, cysts.
 - g. Other Pruritic conditions.
 - h. Generalized conditions, including: Winter Itch/Asteatosis, scabies, secondary systemic diseases.
 - i. Localized conditions, including: Neurodermatitis/ Lichen simplex chronicus, pruritus ani, pediculosis/lice, insect bites, pin worms.
 - j. Cutaneous infection.
 - k. Bacterial, including: impetigo, erysipelas, lymphangitis, cellulitis, boils.
 - l. Fungal, including superficial and deep.
 - m. Viral, including: Herpes simplex, Herpes zoster, Warts, Molluscum.
 - n. Complexion and Cosmetic Problems, including : Acne, Rosacea, wrinkles, Spiders, Varicosities, Milia, enlarged pores, oily skin.
 - o. Cutaneous Injury , including: Burns, Blisters, Abrasions, Bruises, Bites, Stings.
 - p. Pigment disorders, including: Tinea versicolor, Vitiligo.
 - q. Hair problems.
 - r. New growths, including inflammatory, hyperplastic, neoplasia - benign and malignant.

- s. Nail problems.
- t. Mucous membrane problems, including Thrush, Ulcers, Leukoplakia, Cheilitis, Geographic tongue, Hairy Tongue.

Procedural Skills

1. Identify the indications for, contraindications to, and necessary basics for the following procedures:
 - a. Cryotherapy.
 - b. Cautery, including chemical, electrical with and without curettage
 - c. Biopsy, including punch, shave, excisional.
 - d. I&D of abscess.
 - e. Intralesional steroid injection .
 - f. Treatment of ingrown toenails, including wedge resections, complete resection with nailbed ablation.
 - g. Use of the Wood's lamp.
 - h. KOH prep.
 - i. Comedomal extraction.

2. Identify the osteopathic considerations in the treatment of dermatologic conditions including the consideration and treatment of:
 - a. Dermatologic manifestations of psychosomatic disease.
 - b. Dermatologic manifestations of systemic disease related to the body as a whole.
 - c. Dermatologic changes associated with somatic dysfunction.
 - d. Psychosomatic considerations (whole person) of dermatologic conditions such as acne, blistering diseases, and other diseases affecting appearance.
 - e. Dermatologic conditions that relate to nutrition and overall health.