

LIST OF DERMATOLOGY LESSONS TOPICS  
FOR GENERAL CLINICAL PRACTICE SUBRESIDENTS  
OF MEDICAL FACULTY FOR INTERNATIONAL STUDENTS (6 year of study)  
FOR 2025/2026 ACADEMIC YEAR

**Lesson 1. General principles of diagnostics and treatment of skin diseases and sexually transmitted infections**

Methodology of examination of dermatological patient.

Diagnostics of skin diseases. Primary and secondary skin lesions. Principal pathohistologic changes of skin.

Principles of dermatological examination. Microscopic and cultural examination in dermatology. Skin biopsy, indications.

Main principles of treatment of patients with skin diseases and sexually transmitted infections. Medical formulations for external use, indications for application. Principles of general treatment in dermatology. Methodology of examination of patients with sexually transmitted infections. Methods of diagnostics and treatment of sexually transmitted infections.

Practical skills: Obtaining of complaints, history of life and disease of dermatological patient. Examination of skin and mucosa of dermatological patient. Identification of skin lesions, description of cutaneous and mucosal manifestations.

Self-study: Examination of dermatological patients. Solving of situational problems. Writing out the prescriptions.

Technical training aids: multimedia presentations, atlases, case photos, training films 7 hours

**Lesson 2. Tropical and subcutaneous mycoses. Tropical pyoderms, tropical ulcers cutaneous gangrenes. Cutaneous helminthiasis**

**Tropical mycoses.** Pityriasis versicolor, tinea imbricate, tinea nigra, tinea alba, tinea flava, piedra. Etiology, epidemiology, clinical manifestations, diagnostics, treatment.

**Epidermomycoses:** peculiarities of clinical course of dermatophytoses (tinea corporis, cruris, barbae, capitis, manus, pedis, unguinum, favosa) and candidiasis.

**Subcutaneous mycoses.** Coccidioidomycosis, histoplasmosis, sporotrichosis, eumycetom, chromomycosis. Etiology, pathogenesis, ways of transmission, clinical manifestations, diagnostics, differential diagnostics, treatment, prevention.

**Tropical pyoderms.** Pyosis of Manson, acne-keeloid, tropical acne, tropical vesicular acrodermatitis of Castellani and Chalmer, tropical pyomiositis. Etiology, pathogenesis, clinical manifestations, diagnostics, differential diagnostics, treatment, prevention.

**Cutaneous gangrenes:** multiple gangrene of children and adults, noma, Madagascar noma: etiopathogenesis, clinical manifestations, treatment.

**Cutaneous helminthiasis:** schistosomiasis (bilharziasis), cysticercosis, diphyllbothriasis, trichinosis, larva migrans, filariases. Etiopathogenesis, clinical manifestations, diagnostics, treatment.

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Self-study: Examination of dermatological patients. Solving of situational problems. Writing out the prescriptions.

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**Lesson 3. Leprosy. Leishmaniasis. Cutaneous tuberculosis**

**Leprosy.** Classification. Reservoir and source of leprosy. Ways of leprosy transmission. Lepromin test. Lepromatous, tuberculoid, borderline leprosy: clinical manifestation, laboratory diagnostics. Treatment of patients with different types of leprosy. Organization of leprosy control, striking off the register. Prevention of leprosy.

**Leishmaniasis.** Cutaneous Old World leishmaniasis: etiology, epidemiology, classification, clinical manifestations, complications, treatment, prevention. Cutaneous New World leishmaniasis:

etiology, epidemiology, classification, clinical manifestations, complications, treatment, prevention.  
Mucocutaneous leishmaniasis: : etiology, epidemiology, classification, clinical manifestations, complications, treatment, prevention.

**Cutaneous tuberculosis:** etiology, epidemiology, classification, clinical manifestations of verrucous tuberculosis, lupus vulgaris, scrofuloderma, ulcerative tuberculosis of skin and mucosa, miliary tuberculosis, lichen scrofulosorum, papulonecrotic tuberculosis, military tuberculosis.. Principles of diagnostics. Treatment

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#### **Lesson 4. Tropical sexually transmitted infections. Endemic treponematoses**

**Lymphogranuloma venereum.** Etiology. Pathogenesis. Epidemiology. Incubation period. Clinical appearances and course features. Clinical and laboratory diagnostics. Differential diagnosis. Treatment. Prevention.

**Chancroid (ulcus molle).** Etiology. Pathogenesis. Epidemiology. Incubation period. Clinical features. Clinical types (towering, serpeginous, gangrenous, miliary, funnel-shaped, diphtheritic, papular, mixed). Complications. Clinical and laboratory diagnostics. Differential diagnostics. Treatment. Prevention.

**Donovanosis.** Etiology. Pathogenesis. Ways of transmission, course of disease. Clinical manifestations, diagnostics, principles of treatment.

**Yaws (frambesia).** Etiology, pathogenesis, ways of transmission, course of disease. Primary, secondary and tertiary periods. Clinical manifestations. Diagnostics. Differential diagnostics. Treatment. Prevention.

**Bejel.** Etiology, pathogenesis, ways of transmission, course of disease. Clinical manifestations. Diagnostics. Differential diagnostics. Treatment. Prevention.

**Pinta (carate).** Etiology, pathogenesis, clinical manifestations. Ways of transmission, course of disease. Primary, secondary and tertiary periods. Diagnostics. Differential diagnostics. Treatment. Prevention.

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Self-study: Examination of dermatological patients. Solving of situational problems. Writing out the prescriptions.

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