

# **CONSPECTUS OF DERMATOLOGY AND VENEREOLOGY FOR STUDENTS OF MEDICINE**

## **GENERAL DERMATOLOGY**

1. Structure of the epidermis and basement membrane.
2. Structure of the dermis and subcutis.
3. Structure of oral and genital mucosa.
4. Skin appendages – hair, nails, sebaceous and sweat glands.
5. Skin blood and lymphatic vessels. Skin innervation.
6. Skin functions - keratinization, melanogenesis, sweat and sebum secretion.
7. Skin functions – viscoelasticity, thermoregulation, epidermal barrier, skin innervation and immune system.
8. Functions of oral and genital mucosa.
9. Methods of investigation in dermatology.
10. Primary lesions – erythema, pigmentation, petechia, ecchymosis, telangiectasia, purport, papule, nodule, plaque, wheal, lichenification, vesicle, pustule, bulla.
11. Secondary lesions – erosion, excoriation, fissure, ulcer, scale, crust, atrophy, hypertrophy, scar.
12. Characteristics of oral lesions.
13. Histopathological changes in the epidermis, dermis and subcutis.
14. Topical treatment of skin diseases. Types of topical formulations (vehicles).
15. Topical treatment of skin diseases. Types topical agents by mode of action.
16. Systemic treatment of skin diseases.
17. Physical treatment of skin diseases.

## **SKIN DISEASES**

1. Streptococcal skin infections. Impetigo. Erysipelas. Ecthyma.
2. Staphylococcal infections of the hair follicles.
3. Staphylococcal infections of the sweat glands and glabrous skin.
4. Cutaneous tuberculosis. E
5. Pityriasis versicolor.
6. Superficial dermatophyte infections.
7. Deep fungal infections. Actinomycosis.
8. Candidiasis.
9. Scabies
10. Pediculosis.
11. Lyme disease.
12. Herpes simplex virus infections. Herpes siplex.
13. Varicella-zoster virus infections. Varicella. Herpes zoster.
14. Papilloma virus infections. Viral warts.
15. Molluscum contaiousum. Tuberculum mulgentium. Ecthyma contagiosum.
16. Dermatoses due to external factors (physical, chemical and biological).
17. Erythema multifome.
18. Erythema nodosum.
19. Psoriasis vulgaris.

- 20.Pityriasis rosea.
- 21.Lichen planus.
- 22.Pemphigus vulgaris.
- 23.Bullous pemphigoid.
- 24.Dermatitis herpetiformis.
- 25.Urticaria (hives). Angioedema. Papular urticaria.
- 26.Dermatitis contacta. Eczema contactum.
- 27.Atopic dermatitis. Atopic eczema.
- 28.Seborrhoeic dermatitis. Seborrhoeic eczema.
- 29.Drug eruptions. Etiopathogenesis. Anaphylactic shock. Urticaria and angioedema.
- 30.Drug eruptions. Toxic epidermal necrolysis (Lyell's disease). Stevens-Johnson syndrome.  
Fixed drug eruptions.
- 31.Lupus erythematosus.
- 32.Dermatomyositis.
- 33.Systemic sclerosis. Localized scleroderma.
- 34.Acrocyanosis. Perniones. Raynaud's phenomenon.
- 35.Chronic venous insufficiency in the lower limbs.
- 36.Vasculitis. Henoch-Schonlein purpura
- 37.Disorders of pigmentation. Albinism. Vitiligo. Mellasma.
- 38.Genodermatoses. Ichthyosis vulgaris. Darier's disease. Epidermolysis bullosa.
- 39.Benign tumours of the skin.
- 40.Premalignant tumours of the skin.
- 41.Basal cell carcinoma.
- 42.Squamous cell carcinoma.
- 43.Malignant melanoma.
- 44.Kaposi's sarcoma.
- 45.Hair diseases.
- 46.Nail diseases.
- 47.Sebaceous glands diseases. Seborrhoea. Acne. Rosacea.
- 48.Aphthosis. (Bechcet's disease)
- 49.Diseases of the lips and tongue. Cheilitis and glossitis.
- 50.Diseases of the mouth and gums. Gingivostomatitis.

## **SEXUALLY TRANSMITTED INFECTIONS**

1. Syphilis – etiology, pathogenesis, and general disease course.
2. Primary syphilis.
3. Secondary syphilis.
4. Tertiary syphilis.
5. Neurosyphilis.
6. Congenital syphilis.
7. Laboratory tests for syphilis. Treatment for syphilis.
8. Gonococcal infection in men. Complications. Treatment.
9. Gonococcal infections in women. Complications. Treatment.
- 10.Pediatric gonorrhoea. Extragenital and disseminated gonorrhoea.

11. Non gonococcal urethritis. Complications. Treatment.
12. Balanitis and balanoposthitis.
13. Vulvitis and vulvovaginitis.
14. AIDS (skin and mucosal manifestations).

### **Recommended literature**

**Дерматология и верология.** Учебник за студенти по медицина и стоматология. Златков Н., Янкова Р., Добрев Х., Чудомирова К., Зисова Л., Ботев И., МИ "Райков", гр. Пловдив, 2010.

Dermatology. A handbook for medical students and junior doctors  
<http://www.bad.org.uk/shared/get-file.ashx?itemtype=document&id=3632>

<http://www.bad.org.uk/healthcare-professionals/education/medical-students>

Clinical Dermatology. 3rd Ed., John Hunter, John Savin, Mark Dahl (eds), Blackwell Publ, 2002.  
<https://backpackermedics.files.wordpress.com/2013/07/clinical-dermatology.pdf>

Shimizu's Textbook of Dermatology.  
<http://www.derm-hokudai.jp/shimizu-dermatology/>

DermNet NZ. <http://www.dermnetnz.org/contents.html>

Dermatology Information System. DermIS.  
<http://www.dermis.net/dermisroot/en/home/index.htm>

Dermatology Image Bank. John Bezzant. 2000.  
<http://library.med.utah.edu/kw/derm/>

Dermatology Atlas. Loyola University Dermatology Medical Education Website.  
<http://www.meddean.luc.edu/lumen/MedEd/medicine/dermatology/melton/atlas.htm>

### **Example of Final Test of Dermatology and Venereology**

[http://dermaplovdiv.tripod.com/sample\\_test\\_engl%20-%20HtmlExport/index.html](http://dermaplovdiv.tripod.com/sample_test_engl%20-%20HtmlExport/index.html)

<http://dermaplovdiv.tripod.com/katedra-student-english.htm>

**Questionnaire for self preparation in Dermatology and Venereology**  
<https://www.yumpu.com/en/document/read/63216144/questionnaire-for-self-preparation-in-dermatology-and-venereology>

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