

Curriculum



Diploma in Dermatology & Venereology (DDV)

**Bangabandhu Sheikh Mujib Medical University
Shahbagh, Dhaka.**

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1. **Name of the Course** : Diploma in Dermatology & Venereology (**DDV**)
2. **Duration** : Two Academic years
3. **Date of Commencement** : July of each year
4. **Aims and objectives** :
 - a. To prepare specialists in the field of Dermatology and Venereology with knowledge, skill and aptitude to serve the majority of our population
 - b. They shall be aware of their professional limitations and shall be able to seek others advice when necessary
 - c. They shall have sufficient knowledge regarding public health issues
5. **Eligibility for admission** :
 - a. MBBS or its equivalent degree recognized by BMDC

b. Minimum two years after passing MBBS or its equivalent degree recognized by BMDC

6. Course content :

Paper–I : Dermatology related Basic Medical Science

Group A :

Group B :

Paper –II: Venereology including sexual disorders

Group A:

Group B:

Paper –III: Clinical Dermatology

Group A:

Group B :

7. Training Rotations

The total period will be divided into 4 blocks and rotation schedule will be as follows:

Block	Speciality	Duration
1	Basic (Anatomy, Physiology, Pharmacology, Microbiology)	6 Months
2	Dermatopathology, Anatomy & Physiology of Genital Organs, Communication skills & History taking	6 Months
3	Clinical Dermatology & Venereology	6 Months
4	Clinical Dermatology & Sexual disorders	6 Months

8. Summative Examination:

8.1. Summative or exit examination will be after two years of training & course and then every January and July, the date determined by the University

8.2. Written examination: Three papers, each paper subdivided into Group A & Group B

Written questions: In each paper there will be four questions. Two of them will be Long Essay type and two will of SAQ, five in each question

8.3. Clinical-practical:

a) **Clinical:** There will be one long case and minimum three short cases. In long case 30 minutes will be for history taking and examination and 15 minutes for crossing by two examiners. Fifteen minutes will be allotted for short cases. Two examiners will assess the candidate in long case. Two examiners will assess short cases of opposite group of students.

b) **Practical /OSCE :** 10 Stations

8.4. Oral: There will be two boards: In each board there will be two examiners. Fifteen minutes for each board equally divided into two examiners. There will be 4 examiners, Associate professor and above. 50% of the examiners will be external.

8.5. To pass, the candidate have to secure at least 60% marks in each of the three components of written (Three paper combined), clinical-practical and oral examination.

Examination Format :

Components of Examination	Paper	Marks allotted	Time	Pass marks
a. Written	Paper-I		3 hours	
	Paper-II		3 hours	
	Paper-III		3 hours	
	Total	300		180
b. Clinical & Practical	Clinical Practical /OSCE	100 100		120
c. Oral		100		60
Total		600		360

Practical, Clinical & Oral

Day-1

Practical & Oral

(Histopathology, Microbiology, Lab Diagnosis)

N.B: One Board consisting of two Members (One Pathologist & One Dermatologist)

Day-2

Clinical (Long case-50, Short case-50)

&

Oral

N.B: One Board consisting of two members (Both Dermatologists- one external & one Internal)

9. Formative assessment:

There will formative assessment at the end of each six months of training by the supervisor/department or by the institute. Three satisfactory certificates will be pre-requisite along

with others for appearing in the final exit examination. The last six months will end with summative examination.

10. Core Clinical Syllabus

Paper – I:

Group A:

Anatomy:

- a) Structure of skin and appendages
- b) Anatomy of genital organs and gonads
- c) Blood & Lymphatic supply of the skin
- d) Nerve supply of the skin

Physiology:

- a) Functions of skin and its appendages
- b) Epidermal differentiation and keratinization
- c) Pigment metabolism
- d) Physiology of genital organs and gonads
- e) Cutaneous sensations and related peripheral nerves

Pharmacology:

- I. Different groups of systemic drugs:
 - a. Antibiotics
 - b. Antihistamines
 - c. Tranquilizers and antidepressants
 - d. Anti-mycobacterial drugs
 - e. Antifungals
 - f. Antiviral drugs
 - g. Antioxidants
 - h. Corticosteroids
 - i. Cytotoxic drugs and chemotherapeutic drugs
 - j. Hormones & vitamins
 - k. Retinoids
 - l. Biologics
 - m. Anti-malarials and other disease modifying agents
- II. Topical dermatological preparations
- III. Local anaesthetics

Group B.**Microbiology:**

- a) Streptococcus
- b) Staphylococcus including MRSA
- c) Mycobacterium tuberculosis & M. leprae
- d) Pseudomonas
- e) Spirochete: Treponema pallidum
- f) Dermatophytes and Candida
- g) Herpes virus
- h) Laboratory diagnosis of Gonococcus,
Trichomonas Leishmaniasis &
Chlamydia

Dermatopathology:

1. Commonly used descriptive terms in dermatopathology
2. Laboratory methods & approach to microscopic examination of tissues sections
3. Etio-pathogenesis, Histopathology & Immuno-istopathology of dermatological disorders :

- Common connective tissue disorders
- Common papulosquamous diseases
- Common bullous disease
- Common genodermatosis
- Common skin tumors
- Common mycobacterial diseases
- Common viral diseases

4. Immunofluorescence test used in dermatology

Paper- II

Venereology including sexual disorders:

Group A

1. Syphilis
2. Gonorrhoea
3. Chancroid
4. Granuloma inguinale
5. Lymphogranuloma venereum
6. Non-specific Urogenital infection
7. Herpes genitalis
8. Genital warts
9. Molluscum contagiosum

Group B.

1. HIV & AIDS
2. Infertility
3. Sexual disorder

(i) Male sexual dysfunction

- a. Loss of libido
- b. Erectile dysfunction
- c. Premature ejaculation

(ii) Female sexual dysfunction

- a. Loss of libido
- b. Frigidity
- c. Vaginismus

Paper – III:

Clinical Dermatology:

Group A

1. Cutaneous signs, symptoms & diagnosis
2. Dermatoses due to Physical factors
3. Pruritus & Neurocutaneous Dermatoses
4. Eczema, & Drug reactions
5. Erythema and Urticaria
6. Connective Tissue Diseases

7. Papulosquamous diseases - Psoriasis, Parapsoriasis, Pityriasis Rosea, Pityriasis Rubra Pilaris, Lichen Planus
8. Acne
9. Bacterial infections
10. Diseases resulting from fungi and yeasts
11. Mycobacterial tuberculosis
12. Hansen's disease (Leprosy)
13. Viral infections of skin
14. Parasitic infestations, Stings and Bites
15. Chronic blistering dermatoses
16. Nutritional diseases
17. Diseases of Subcutaneous fats

Group B.

1. Endocrine Diseases
2. Errors in metabolism
3. Some genodermatoses and acquired syndromes
4. Dermal and subcutaneous tumors
5. Epidermal nevi, Neoplasms, and Cysts
6. Melanocytic nevi and Neoplasm
7. Cutaneous T-Cell Lymphoma

8. Common diseases of the skin appendages
9. Common disorders of the mucous membranes
10. Cutaneous Vascular Diseases-
Leucocytoclastic vasculitis
11. Disturbances of pigmentation – Vitiligo, Melasma
12. Occupational & environmental dermatoses - Arsenicosis
13. Dermatologic Surgery
14. Cryotherapy
15. Phototherapy
16. Lasers in dermatology

11. The Learning Process:

Principle of Learning

- Need based, problem oriented, structured learning
- Structured supervised outcome based training
- Learning in non-clinical aspects of the curriculum (Soft skills like professionalism ethical issues and others)

Teaching - Learning methods:

- Lecture
- Tutorial / Small group teaching
- Interactive session / Clinical meeting
- Seminar/conference
- Clerkship, Ward round, IPD, OPD, Pre-theater and theater training
- Skill training through different diagnostic and therapeutic multidiscipline clinic

12. Writing case-note

Each student will write at least 10 case-notes (History, Examination, Treatment, Investigation and follow up)/Procedure/Operation note)

13. Eligibility for appearing in the final examination:

- a. Two years in-course training
- b. 3 satisfactory 6 monthly report of formative assessment

- c. 75% attendance in lecture and other academic activities
- d. 10 case notes
- e. Satisfactorily completed log book



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Diploma trainee's Block progress report

Name of the trainee : _____ Session : _____

Name of the course : _____ Reg. No: _____

Name of the institute : _____

Period of block : _____

Performance	Poor	Satisfactory	Good	Excellent
Written*				
Clinical- Practical*				
Oral*				
Attendance*				
Attitude				

* Poor: <50%, Satisfactory: ≥50-60%, Good: >60-75%, Excellent : >75%

Note: "Poor" grade in more than two performance during a particular block means deficient training and also cause disqualification for appearing in the final examination unless training in particular block is complete.

Signature:
Head of the Department
(Seal)