



চট্টগ্রাম ইন্টারন্যাশনাল ডেন্টাল কলেজ
Chattagram International Dental College (CIDC)



**COURSE
GUIDE**

**PHASE-3 BDS
SESSION 2022-2023
19th BATCH**



**CHATTAGRAM INTERNATIONAL
DENTAL COLLEGE (CIDC)**

www.cidch.edu.bd



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Message

Assalamualailum Warahmatullah

It is my immense pleasure to welcome you in the new era of your professional life. You are now starting your clinical department to get the feeling of becoming a doctor. Be very regular and sincere in class, clinical class, clinical ward and exams. We will show you the way to achieve the best humanity and to be the best knowledgeable person and best assets for the society and country. Your dedication, sincerity and our mentoring together will lead you to fulfill your dreams. Please feel free to contact me for anything regarding your academic activities. I wish you all success in life.



Dr. Md. Mohiuddin Faruk

BDS, FCPS

Assistant Professor and Phase-3 Coordinator

Dept. of Periodontology, Oral pathology and Oral Medicine

Basic Information about BDS Course

1. Name of the course: Bachelor of Dental Surgery (BDS)
2. Basic qualification & prerequisite for entrance in BDS Course:
 - (1) HSc or equivalent with Science. (Biology, Physics, Chemistry)
 - (ii) Candidate has to secure required grade point in the SSC and HSC examinations.
3. Students selection procedure for BDS course: According to decision by the proper competent authority as per merit.
4. Medium of Instruction: English
5. Duration: BDS course comprises of 5 Years. Followed by logbook based rotator internship for one year.
6. Course structure and duration

The BDS course is divided into four phase.

Phase	Duration	Subjects	
1st phase	1½ year	Sub 1: Anatomy & Dental Anatomy	First Professional BDS
		Sub 2: Physiology; Biochemistry & Science of Dental Materials	
2nd phase	1 year	Sub 3: General General & Dental Pharmcaology	Second Professional BDS
		Sub4: Pathology & Microbiology	
3rd phase	1 year	Sub 5: Medicine	Third Professional BDS
		Sub 6: Surgery	
		Sub 7: Periodontology & Oral Pathology	
4th phase	1½ year	Sub 8: Oral & Maxillofacial Surgery	Final/4th Professional BDS
		Sub 9: Conservative Dentistry & Endodontics	
		Sub 10: Prosthodontics	
		Sub 11: Orthodontics & Dentofacial Orthopedics	
		Sub 12: Pedodontics& Dental Public Health	

NB: All academic activities including professional examination of each phase must be completed within the specified time of the phase

Faculty Members' Department of Medicine

Name	Designation
Dr. Mohammad Kamrul Islam	Associate Professor
Dr. Umme Tahera	Assistant Professor & Subject Co-ordinator
Dr. Md. Rizwan Ahmed	Assistant Professor (neuro medicine)
Dr. Md. Akhtarul Islam	Assistant Professor (cardiology)
Dr. Shamin Ara	Assistant Professor (Skin & VD)
Dr. Md. Jashim Uddin	Assistant Professor (endocrine)
Dr. A.S.M Ridwan	Assistant Professor (psyciatry)
Dr. Arfana Yasmin	Assistant Professor (Medicine)

Department of Surgery

Name	Designation
Dr. Md. Meshkat Uddin Khan	Associate Professor
Dr. Sharmin Aktar	Assistant Professor & Subject Co-ordinator
Dr. Md. Shahed Ali Khan	Assistant Professor
Dr. Md. Saifuddin Rokan	Assistant Professor
Dr. Akramul Alam Simon	Assistant Professor

Department of Oral Pathology & Periodontology

Name	Designation
Prof. Dr. Md. Akram Parvez Chy.	Professor and Head
Dr. Md. Mohiuddin Faruk	Assistant Professor
Dr. Nowshin Billah	Lecturer
Dr. Anika Tasnim Alice	Lecturer

Medicine

Departmental Objectives

At the end of the course, the students should be able to:

- Mention the various manifestations of common diseases.
- Mention the basic principle of history taking and clinical examinations.
- Elicit required history; perform a physical examination including examination of an unconscious patient and patient of syncope.
- Correlate the clinical symptoms and physical signs to make a provisional diagnosis of common diseases and suggest relevant investigation & Interpret reasonably.
- Initiate initial management of commonly encountered health problem.
- Diagnose and refer acute medical emergencies like acute myocardial infarction, acute pulmonary oedema acute anaphylactic and hypovolumic shock, status asthmaticus, tension pneumothorax, hyperpyrexia, haemoptysis, gastro-intestinal bleeding, diabetic coma, common poisoning etc.
- Acquire the skills to perform minor procedure like – IV cannulation, insertion of nasogastric tube, urinary bladder catheterization etc.
- Demonstrate communication skills to establish effective communications with patients and with scientific community.
- Be familiar with various national health programs.
- Practice medical ethics in service delivery.
- Mention the prophylaxis of common infectious diseases.
- Interpret common haematological report, x-ray chest, ECG, ultra sonogram and CT scan of brain.

List of Competencies to acquire:

- History taking, communication skill, clinical examination.
- Diagnosis of common clinical problems.
- Able to record the arterial pulse, blood pressure, temperature and respiration.
- Insertion of a cannula
- Insertion of Ryle's tube
- Catheterization
- Drawing of blood
- Writing a BT order and transfusion note.
- Identification of instruments used in medicine
- Able to interpret common X rays, ECG, ultra sonogram and CT scan of brain.
- Perform CPR.

Distribution of Teaching - Learning Hours

Lecture	Tutorial	Practical	Clinical Teaching	Total Teaching hours	Integrated teaching (Common)	Formative Exam		Summative exam	
						Preparatory leave	Exam time	Preparatory leave	Exam time
90 hrs	—	10hrs	144 hrs	244 hrs	10 hrs	10 days	20 days	10 days	25 days

Professional Examination:

Marks distribution of Assessment : total marks = 300

- Written = 100 (SAQ=70 + MCQ=20+ 10 formative assessment)
- SOE = 100 (two boards 4 examiners, 50 marks in each board)
- Clinical + practical = 100 (long case-40, short case-15x2= 30, OSPE-30)

Learning Objectives and Course Contents in Medicine

Contents
<p>General</p> <ul style="list-style-type: none"> ● Principles of medical ethics ● Clinical genetics - common types, investigation ● Prevention of genetic diseases and genetic counseling.
<p>Nutritional and metabolic disorders</p> <ul style="list-style-type: none"> ● Nutritional assessment & needs ● Protein energy malnutrition ● Obesity ● Vitamin and mineral deficiency & excess
<p>Water, electrolyte and acid-base imbalance</p> <ul style="list-style-type: none"> ● Acid-base disorders ● Fluid and electrolyte disturbances

Contents
<p>Critical care Medicine</p> <ul style="list-style-type: none"> ● Major manifestations of critical illness ● Circulatory failure: shock ● Respiratory failure ● Renal failure ● Coma ● Sepsis ● Disseminated intravascular coagulation ● General principles of critical care management
<p>Medical Psychiatry</p> <ul style="list-style-type: none"> ● Classification of psychiatric disorder and evaluation. ● Symptoms analysis
<p>Poisonings</p> <ul style="list-style-type: none"> ● General approach to the poisoned patient ● Poisoning by specific pharmaceutical agent, chemicals and pesticides.
<p>Specific environmental and occupational hazard</p> <ul style="list-style-type: none"> ● Heatstroke and hypothermia

Contents
<p>Infection</p> <ul style="list-style-type: none"> ● Prvention of infectious disease. ● Hospital acquired infections ● Fever of unknown origin ● Typhoid and paratyphoid fevers ● Leprosy ● Acute gastroenteritis & food poisoning ● Common exanthemata <ul style="list-style-type: none"> ○ Measles ○ Mumps ○ Rubella ○ Varicella ● Common viral respiratory infections, influenza. ● Dengue fever ● Sexually transmitted disease.
<p>Cardiovascular system</p> <ul style="list-style-type: none"> ● Major manifestations of cardiovascular disease ● Hypertension ● Heart failure ● Ischaemic heart disease, cardiac arrest. ● Disorders of heart rate, rhythm and conduction. ● Infective endocarditis. ● Rheumatic fever ,valvular heart disease. ● Congenital heart disease.
<p>Respiratory system</p> <ul style="list-style-type: none"> ● Major manifestations of lung disease. ● Pneumonia. ● Bronchial asthma ● Chronic obstructive pulmonary disease ● Pulmonary tuberculosis ● Pneumothorax ● Bronchogenic carcinoma
<p>Kidney and genitourinary system</p> <ul style="list-style-type: none"> ● Major manifestations of renal and urinary tract disease ● Acute and chronic renal failure ● Infections of the kidney and urinary tract
<p>Gastrointestinal system</p> <ul style="list-style-type: none"> ● Major manifestations of gastrointestinal disease ● Diseases of the stomach and duodenum - gastritis, peptic ulcer disease ,non ulcer dyspepsia. ● Intestinal tuberculosis ● Malabsorption syndrome ● G.I. bleeding. ● G.I. malignancy.

Contents
<p>Endocrinology and Metabolism</p> <ul style="list-style-type: none"> ● Diabetes mellitus ● Hyperthyroidism ● Hypothyroidism ● Cushing syndrome. ● Adrenal insufficiency ● Acromegaly
<p>Endocrinology and Metabolism</p> <ul style="list-style-type: none"> ● Diabetes mellitus ● Hyperthyroidism ● Hypothyroidism ● Cushing syndrome. ● Adrenal insufficiency ● Acromegaly
<p>Hematological disorders</p> <ul style="list-style-type: none"> ● Major manifestations of hematological diseases ● Anaemia ● Thrombocytopenia ,ITP. ● Pancytopenia ● Haematological malignancies ● Lymphoma ● Bleeding & coagulation disorder.
<p>Disorders of the immune system</p> <ul style="list-style-type: none"> ● Introduction to the immune system and autoimmunity ● Hyper sensitivity reaction , anaphylaxis ● HIV, AIDS and related disorders
<p>Skin diseases</p> <ul style="list-style-type: none"> ● Major manifestations of skin disease ● Urticaria ● Scabies ● Fungal infections ● Eczema
<p>Neurological diseases</p> <ul style="list-style-type: none"> ● Headache and facial pain ● Disease of cranial nerves ● Cerebrovascular disease ● Meningitis, Encephalitis. ● Seizure disorder. ● Diseases of spinal cord- cervical spondilitis. ● Peripheral neuropathy,GBS.
<p>Connective tissue and joints</p> <ul style="list-style-type: none"> ● Rheumatoid arthritis ● Ankylosing spondyliti.

Inpatient Department

Contents
<ul style="list-style-type: none">● Chief complain and elaboration of symptoms● History of present and past illness● Family history● Personal history● Drug history, etc
<ul style="list-style-type: none">● Anemia, jaundice, cyanosis, clubbing, koilonychias etc● Blood pressure, pulse, JVP, temperature etc.
<ul style="list-style-type: none">● Symptoms of GI system- abdominal pain, vomiting, diarrhea, hematemesis, malena, dyspepsia etc
<ul style="list-style-type: none">● Inspection, palpation, percussion and auscultation of abdomen
<ul style="list-style-type: none">● Cough, SOB, chest pain, haemoptysis, sputum, fever etc
<ul style="list-style-type: none">● Inspection, palpation, percussion and auscultation of chest
<ul style="list-style-type: none">● Angina, SOB, palpitation, oedema etc
<ul style="list-style-type: none">● Inspection, palpation and auscultation of precordium
<ul style="list-style-type: none">● Headache, unconsciousness, cranial nerve palsy, convulsion, paralysis etc
<ul style="list-style-type: none">● Cranial nerve, motor examination, sensory, cerebellar examination
<ul style="list-style-type: none">● Anuria, oliguria, polyuria etc
<ul style="list-style-type: none">● Kidney palpation
<ul style="list-style-type: none">● Arthritis, arthralgia, muscle weakness
<ul style="list-style-type: none">● Examination of joints

Surgery

Departmental Objectives

At the end of the course, the students should be able to:

- Develop the ethical approach to patient Care
- Deliver safe dental service to the individual and community

List of Competencies to acquire :

- Show cordial attitude towards patients, colleagues and staffs
- History taking & writing
- Proper general , local and systemic examination
- Identify the common surgical problems.
- Consider the differential diagnosis and complications
- Request for cost effective and rational laboratory investigations and imaging
- Interpretation of investigation results of common surgical problem.
- Provide first aid and refer complicated patients to proper center
- Adopt universal precaution against HIV, hepatitis
- Describe knowledge & understanding about personal, staff and patient safety in ward, OT and OPD.
- Apply knowledge & understanding about sterilization, asepsis and infection prevention.

Distribution of teaching - learning hours

Lecture	Tutorial	Practical	Clinical Teaching	Demonstration	Total Teaching hours	Integrated teaching (Common)	Formative Exam		Summative exam	
							Preparatory leave	Exam time	Preparatory leave	Exam time
97	30	41	22	22	212	10 hrs	10 days	20 days	10 days	25 days

Professional Examination:

Marks distribution of Assessment of surgery

Total marks: 300

Written: 100, (Formative- 10, MCQ- 20, SAQ- 70)

SOE: 100

Practical: 100 (Long case 40, Short Case- 30, OSPE- 30)

Learning Objectives and Course Contents in Surgery

Contents
Evolution of surgery
Clinical methods of surgery
Wounds
Infections

Learning Objectives and Course Contents in Surgery

Contents
Shock & Haemorrhage Fluid, Electrolytes and Blood transfusion, Acid base balance.
Principle of surgical operation OT Safety & Patient safety
Burn

Learning Objectives and Course Contents in Surgery

Contents
Tumor & Cysts
Swelling of Head Neck and Thyroid
<ul style="list-style-type: none">● Diabetes and endocrine diseases● Hypertension. heart disease● Anaemia, Haemophilia and coagulopathy● Jaundice● Cerebral disorder- CVA.

Contents
<ul style="list-style-type: none">● Trauma, Fracture and diseases of bones and joints- General information
Anesthesia, pain management, CPR, and Airway management
Common Surgical problems

Periodontology & Oral Pathology

Departmental Objectives (Periodontology)

After completion of Periodontology course, undergraduate dental student will be able to:

- Define periodontology and describe the background and scope of periodontology.
- Define and describe the periodontium and their function.
- Distinguish the features of healthy and inflamed gingiva
- Classify the periodontal diseases according to severity and describe clinical features and describe their treatment plan as per needs.
- Explain the role of local and systemic factors as etiology of gingivitis and periodontitis.
- Describe the systemic disease involvements on periodontal diseases.
- Perform scaling and root planning-curettage with oral hygiene instructions with full aseptic precaution.
- Use the instruments for periodontal therapy and maintenance.
- Explain the prevention of periodontal diseases and prevention of the progress of the diseases.
- Describe basic concepts and periodontal aspects of dental implant and management of periodontal health of implanted person.
- Develop attitude for further learning of the subjects.

List of Competencies to acquire :

At the end of the course of periodontology the undergraduate students will be able to:

- Diagnose and manage common periodontal diseases.
- Execute the basic principles of periodontal instrument.
- List and identify the basic periodontal instruments.
- Perform scaling and root planning with full aseptic precautions.
- Perform gingival curettage and simple gingivectomy.
- Apply knowledge and understanding of prevention of periodontal diseases.
- Indicate required investigations for periodontal disease diagnosis.
- Perform treatment with full aseptic precaution.
- To refer the patients who require specialist's care.

Departmental Objectives (Oral Pathology)

After completion of Oral Pathology course undergraduate dental students should be able to:

- Explain basic mechanism of different types of diseases that involve the orofacial tissues.
- Describe the manifestation of common oral diseases, their diagnosis and correlate with systemic, physical signs and laboratory findings.
- Describe the oral manifestation of systemic and metabolic diseases.
- Demonstrate knowledge and understanding about the use of oral histopathology, FNAC, cytological examination, frozen section and immuno-histochemistry.
- Take a history from the patient in the specific manner
- Carry out systemic examination of the patient i.e. general examination, head and neck examination and oral cavity examination
- Diagnose common oral diseases and list differential diagnosis and construct the appropriate treatment plan for the patients.
- Describe different methods of sterilization and select appropriate methods of sterilization in the clinical practice
- Develop attitude for further learning of the subjects.

List of Competencies to acquire:

- Writing oral histopathology requisition form.
- Preservation surgical specimen and preparation of fixative for surgical specimens in 10% formalin.
- Preservation of surgical specimens for immunohistochemistry.
- Handling and maintenance of microscope.
- Interpretation of pathological reports and data.
- Writing advice for pathological investigation.
- Diagnose and manage common oral diseases and give proper counseling to patients and relatives.
- Diagnose and manage medical emergencies which may arise in dental practice.
- Demonstrate the awareness of the need to keep abreast to new knowledge and technique in oral pathology and oral medicine.

Distribution of teaching - learning hours

Lecture	Tutorial	Practical	Clinical Teaching	Total Teaching hours	Integrated Teaching (Common)	Formative Exam		Summative exam	
						Preparatory leave	Exam time	Preparatory leave	Exam time
35hrs(Oral pathology) 16hrs (Oral medicine) 34hrs (Periodontology)	24 hrs, oral path 12 hrs, oral medicine 24hrs.perio dontology	26hrs,oral pathology	Dental OPD 5 Weeks(60 hrs) Periodontology, Oral medicine	85hrs, oral path 28hrs, oral medicine 118hrs, periodontology	10 hrs	10 days	20 days	10 days	25 days

3rdProfessional Examination:

Marks distribution of Assessment of Periodontology and Oral Pathology

Total marks – 300

- Written -100 (MCQ- 20+ SAQ- 70+ Formative Assessment 10)
- SOE-100
- Practical- OSPE and Clinical -100

Summative Assessment of Oral Pathology & Periodontology

(3rd Professional Examination)

Assessment System and Mark Distribution

Components	Marks	Total Marks
Formative Assessment	10	10
Written Examination Group-A: Oral Pathology & Oral Medicine : (MCQ+SAQ) Group-B: Periodontology: (MCQ+SAQ)	(10+35) (10+35)	90
Practical +Clinical Examination OSPE Clinical Practical Note Book	40 50 10	100
Oral Examination (Structured) 1 Board Oral Pathology Oral Medicine Periodontology	40 20 40	100

- Pass marks 60% in each of theoretical, oral, practical and clinical
- Oral, Clinical & Practical Examination will be in 2 days
 - One day-OSPE
 - another day-Oral & Clinical

Learning Objectives and Course Contents in Oral Pathology & Periodontology

Oral Pathology

Contents
<p>1. Introduction Introduction to different Pathological process involve in oral cavity. Outline the oral manifestations of systemic diseases</p>
<p>2. Developmental disturbances of teeth, jaws, soft tissues of oral and paraoral region</p> <ul style="list-style-type: none"> ● Introduction to developmental disturbances. ● Developmental disturbances of teeth. ● Developmental disturbances of jaws ● Developmental disturbances of oral and paraoral soft tissues
<p>3. Dental caries Etiopathogenesis, classification, microbiology, clinical features, histopathology, prevention and its sequelae</p>
<p>4. Pathology of pulp, periapical tissue and Osteomyelitis</p> <p>Diseases of the dental pulp Diseases of the periapical tissues Osteomyelitis of the jaws</p>
<p>5. Microbial infections of oral soft tissues Microbiology, defense mechanism including immunological aspect, oral manifestation, histopathology and laboratory diagnosis of common bacterial, viral and fungal infections.</p>
<p>6. Common non-inflammatory diseases of the jaws Etiopathogenesis, clinical features, radiology, histopathology and laboratory diagnosis of :Fibrous dysplasia, Cherubism, Paget's disease, osteogenesis imperfect, Rickets, Cleidocranial dysplasia, Down's syndrome, Histiocytosis X disease</p>
<p>7. Diseases of Temporo mandibular joint Ankylosis, types of arthritis, developmental malformation, traumatic injuries and myofascial pain dysfunction syndrome</p>
<p>8 Cysts of the oral and paraoral region Classification, etiology, clinical features, histopathology, laboratory and radiological features odontogenic cysts, non-odontogenic cysts and pseudocysts of the jaws and soft tissues</p>

Oral Pathology and Periodontology

Oral Pathology

Contents
9. Tumours of the oral cavity Classification of odontogenic, non-odontogenic and salivary glands tumours Etiopathogenesis , clinical features, histopathology and radiological features and laboratory diagnosis of common odontogenic, non-odontogenic and salivary gland tumours
10. Diseases of maxillary sinus Traumatic injuries to the sinus Sinusitis Common cysts and tumours
11. Biopsy & frozen section in diagnosis of oral diseases biopsy, value of biopsy, technique of biopsy routine staining of biopsy
12. Systemic diseases involving oral cavity Oral manifestation, diagnosis and significance of common blood, nutritional, hormonal and metabolic diseases.
13. Pigmentation of Oral and paraoral region and Discoloration of Teeth Causes and Clinical manifestation

Periodontology and Oral pathology Oral Medicine

Contents	Contents
<p>1. Introduction</p> <ul style="list-style-type: none"> ● usefulness of oral medicine 	<p>7. Traumatic, Reactive and Regressive lesions of oral cavity</p> <ul style="list-style-type: none"> ● Common traumatic and reactive lesions occurring in oral cavity ● Common regressive lesions of the oral cavity ● Effects of radiation in oral cavity. ● Healing of oral wound and complication
<p>2. Oral ulceration</p> <ul style="list-style-type: none"> ● Classification of oral ulcers ● Common infective and non-infective ulcer occurring in the oral cavity ● Clinical features, histopathology and laboratory investigation for common infective and non-infective ulcers occurring in oral cavity ● Treatment plan and differential diagnosis of common infective and non-infective ulcers of oral cavity 	<p>8. Non-neoplastic diseases of salivary glands</p> <ul style="list-style-type: none"> ● Classification of infective and non-infective diseases of the salivary glands ● Clinical features and treatment of common viral and bacterial diseases of salivary glands ● Xerostomia, common causes of xerostomia Complication of xerostomia ● Classification of Sjogren's syndrome, clinical features, radiology, laboratory investigation and treatment of Sjogren's syndrome
<p>3. Oral white lesions</p> <ul style="list-style-type: none"> ● Classification of white lesions of the oral cavity ● Premalignant lesions and condition ● Classification of leukoplakia ● Pathogenesis, clinical features, histopathology and treatment of white lesions of the oral cavity 	<p>9. Oral red lesions</p> <p>Classification of red lesions of the oral cavity potentially malignant disorders of the oral mucosa Classification of erythroplakia Pathogenesis, clinical features and treatment of oral red lesions of the oral cavity</p>
<p>4. Auto Immune diseases and vesiculo bullous lesions</p> <ul style="list-style-type: none"> ● Classification of oral auto-immune diseases ● Oral vesiculo-bullous lesions ● Pathogenesis, clinical features and treatment of common auto-immune diseases of oral cavity. ● Pathogenesis, clinical features and treatment of common vesiculo-bullous lesions of the oral mucosa 	<p>10. Pigmented lesions</p> <p>Classification of oral pigmented lesions Pathogenesis, clinical features and treatment of common pigmented lesions of the oral mucosa.</p>
<p>5. Orofacial pain/ Neuralgic pain</p> <p>dental and non-dental pain, trigeminal neuralgia and its management facial paralysis and management</p>	<p>11. Sterilization and Disinfection</p> <p>Define, classification and application of sterilization, disinfection and antisepsis Methods of sterilization: detail of autoclaving, hot air oven and chemical methods Sterilization of dental and medical equipment: Critical, Semi-critical and non-critical devices Disinfection body fluid spillage</p>
<p>6. Disease of Tongue</p> <ul style="list-style-type: none"> ● local and systemic causes of common tongue lesions ● effects of systemic diseases on tongue 	

Oral pathology and Periodontology Periodontology (Theory)

Contents
<p>Introduction</p> <ul style="list-style-type: none"> ● Definition of periodontology and periodontium ● Brief history and advancement of periodontal disease status and treatment
<p>Periodontium</p> <ul style="list-style-type: none"> ● Anatomy, histology and physiology of periodontium ● Types of gingival epithelium in relation to tooth ● Gingival sulcus and its importance ● Oral mucosa and aging of periodontium
<p>Oral environment for health</p> <ul style="list-style-type: none"> ● Defense mechanism of gingiva ● Role of saliva and gingival crevicular fluid in oral health
<p>Periodontal disease</p> <ul style="list-style-type: none"> ● Classification of periodontal diseases. ● Periodontal examination methods and Index system ● Risk factors for gingivitis and periodontitis ● Epidemiology of periodontal diseases
Microbiology of Periodontal diseases
Periodontal Pathology
Periodontics – Endodonticscontinuum
<p>Gingival diseases</p> <ul style="list-style-type: none"> ● Chronic and acute gingival conditions(NUG). ● Gingival abscess, desquamatic gingivitis ● Different conditions of gingival enlargement ● Causes and types of gingival recession ● Causes and management of tooth hypersensitivity
<p>Periodontal diseases</p> <ul style="list-style-type: none"> ● Classification of periodontitis ● Definition and classification of periodontal pocket. ● Mechanism of formation of pocket ● Minor features of chronic periodontitis ● Aggressive periodontitis ● Refectory and necrotizing periodontitis ● Periodontal abscess
Cysts and tumours of periodontium
Periodontal response to external forces
Basic principles of periodontal instrument
Phase I periodontal therapy
Surgical periodontics
Periodontal regenerative technique
Dental Implantology

Periodontology (Clinical)

Contents
Patient Examination, diagnosis and case presentation.
Principles of periodontal instruments
Treatment Planning
Phase 1 Periodontal Therapy
Phase II/ Corrective Periodontal Therapy General guidelines for periodontal Surgery; <ul style="list-style-type: none"> ● Resective periodontal surgery to eliminate gingival overgrowth and/or pocket—Gingivectomy and gingivoplasty ● Periodontal flap surgery: indication and rationality, Techniques of different procedures; ENAP,MWFP,IBIFP etc ● Occlusal adjustment, osseous recontouring splinting for stabilization of vulnerable mobile but sound tooth, ● Mucogingival surgery: management of Gingival recession, gingival augmanttion procedure, Root coverage procedure(sliding flap and envelop flap), Treatment of furcation-involved tooth(tunneling and/or reposition flap
Chemo-therapeutic agents in periodontal therapy, Pocket Irrigation Systemic administration
Phase- 3/ Maintenance and recall therapy /SPT Re-examination, Prophylaxis, Monitoring of OHI
Interdisciplinary referral system

ACADEMIC CALENDAR (3rd phase BDS-2026)

5th Term:

From: 3 January 2026

To: 24 April 2026

Duration: -16 weeks.

Teaching days: 96 days

Eid-ul-Fitr vacation (7 days): Within 5th Term (early-mid April)

5th Term Preparatory Leave

25 April-4 May 2026 (10 days)

5th Term Final Examination

5 May-19 May 2026 (15 days)

INTER-TERM GAP 20 May 2026 (1 day only)

6th Term:

From: 21 May 2026

To: 11 September 2026

Duration: 16 weeks

Teaching days: 96 days

Eid-ul-Adha vacation (7 days): Late June/early July (within term)

Puja vacation: 2-3 days

6th Term Preparatory Leave

12 September-21 September 2026 (10 days)

6th Term Final Examination

22 September-10 October 2026

3rd Professional BDS Exam Preparatory Leave

11 October-30 October 2026 (20 days)

PROFESSIONAL EXAMINATION

From: November 2026 (As per university schedule)

Book List
Department of Medicine

SI No.	Book Name
1	Davidson's Principles and Practice of Medicine
2	Macleod's clinical examination

Book List
Department of Surgery

SI No.	Book Name
01	Bailey & Love's" Short Practice of Surgery-28th Edition
02	Browns' Introduction to the Symptoms & Signs of Surgical Disease-6th Edition
03	Hamilton Bailey's" Demonstrations of Physical Signs in Clinical Surgery-19th Edition

Book List
Department of Oral Pathology & Periodontology

SI No.	Book Name
01	Newman and Carranza's Clinical Periogontology 13th Edition
02	Cawson's essentials of oral pathology and oral medicine 10th edition
03	Lindhe's clinical Periodontology and implant dentistry 7th edition
04	Essentials of Clinical Periodontology and Periodontics Shantipriya Reddy 5th edition
05	Oral diagnosis: The Clinician's Guide warren Birnbaum

Integrated Teaching Topics

- 1. Cervical lymphadenopathy**
- 2. Anaemia, leukaemia & other blood dyscrasias with their oral manifestations & management**
- 3. Diabetes & surgery**
- 4. Orofacial space infection and osteomyelitis of the jaw**

3rd Phase Student List (2026)

19th Batch(Session:2022-2023)

Roll No	Name
01	SHANJIDA AHMED SOMAIYA
02	RAISA AZIZ
03	FARIYA JASSI
05	UMME HONEY NUFIHA
06	SWAGATA SEN
08	JEBUNNESSA RIYA
09	REHMAN AL SAMI SAAD
10	TOWFIKA AHMED
11	AFRIN ABSAR
12	AZAD HOSSAN
13	SAYED FARHAN ABID
14	IFRAN AHMED
15	MAHIN BINTE MIZAN TAKI
16	NAZIFA NAWAL CHOWDHURY
17	NAJMUN NAHAR
18	JANNATUL MAWA
19	MEHERUNNESSA KAFIA
21	FARGIBA TACHUAR CHOWDHURY
22	NUSRAT JAHAN
23	ROBIN DAS
24	MD. ABU SUFIYAN
25	SHAHEBA TAJ
27	SAMIHA AJNAN ITRAT
28	MUNTAHA ALAM TANAS

18th batch (Session:2021-2022)

Roll No	Name
17	ISRAT JAHAN
19	MD. MONTASIR HASAN CHOWDHURY
24	MOHAMMAD AL FAHAT
25	NAWSHIN AHMED MOON
35	RAMISHA FARIHA
39	NUSRAT JAHAN OHI
47	SABRINA MUNMUN SHITI
55	AYESHA KHANAM

63	TAYEFUR RAHMAN
68	JUBIRA MAMTAJ MAMATA

17th Batch (Session: 2020-2021)

Roll No	Name
52	ANIKA SHARMILA TASNIM
72	LUBABA BINTE ALAM

15th batch (Session:2018-2019)

Roll No	Name
30	SHAMIMA BATUL
34	SANJIDA AFRIN

14th Batch (Session:2017-2018) ; 13th Batch (16-17)

Roll No	Name
16	UMME SANJIDA JAHAN
26 (13 th batch)	JANNTUL MAWA

Clinical placement groups :

Group	Batch	Roll no.
A	19 th	01,02,03,05,06,08,09,10
	18 th	17,19,24
	17 th	52,72
B	19 th	11,12,13,14,15,16,17,18
	18 th	25,35,39
	15 th	30,34
C	19 th	19,21,22,23,24,25,27,28
	18 th	47,55,63,68
	14 th , 13 TH	16,26(13 th)

Department	03.01.26— 08.02.26	09.02.26— 18.03.26	24.03.26—30.04.26
Surgery	A	C	B
Medicine	B	A	C
Oral pathology and periodontology	C	B	A

Department	21.05.26— 29.06.26	30.06.26— 04.08.26	06.08.26—10.09.26
Surgery	A	C	B
Medicine	B	A	C
Oral pathology and periodontology	C	B	A

Chattagram International Dental College
3rd Phase / 4th year BDS 2026

Class Routine

Day	08:00 am-09:00 am	9:01AM-11:00AM	11:01am- 11:30am	11:31 am-12:30 pm	12:31 pm-01:30 pm
Saturday	Surgery(ENT)	CLINICAL HOUR.	TEA BREAK	General Medicine	Periodontology
Sunday	Oral Pathology			General Medicine	Anesthesiology
Monday	08:00 am-09:00am: Seminar 09:00 am-10:00am <u>General Medicine</u>			General Surgery	Periodontology
Tuesday	Oral Pathology			General Medicine	Orthopedic Surgery
Wednesday	General Medicine (Except 1st week every month)			Oral Medicine	General Surgery
Thursday	Oral Pathology			ENT	General Medicine



CHATTAGRAM INTERNATIONAL DENTAL COLLEGE (CIDC)

323/434, Haji Chand Mia Road, Shamsar Para, Chandgaon, Chattogram-4000. Bangladesh.