



CHILDREN'S EDUCATION SOCIETY (Regd.)

THE OXFORD DENTAL COLLEGE

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,
Karnataka & Recognised by Dental Council of India, New Delhi)

Bommanahalli, Hosur Road, Bangalore - 560 068.

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Sample Course File

Program wise course files are maintained for all courses. BDS course files are also maintained by respective department faculty. Because the file size is large for each course, sample copy of Oral Medicine & Radiology program for BDS & MDS course files are attached below.

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BDS Course file

1. Vision and Mission of the Institution

OUR VISION

Single window delivery of total oral health care needs
Total quality management in service and education
To train general, specialized and allied professional personnel to meet regional and national oral health care services
Work to contribute to global oral health care knowledge and skills
To impart knowledge and interact with organizations of similar interests
Be efficient, effective, community acceptable in education service and research
Fostering global competencies inculcating value system among learners
Promote use of technology of relevance.

'Excellence in education, oral healthcare, research and service to community.'

OUR MISSION

Learner centered dental education
Patient centered service
Community oriented research
Strong community relationship
Serve the underserved
Meet the regional, national and global dental education needs
Inter organizational linkage
Strategic future-oriented planning
Excellence in knowledge, skills and service
Professionalism in management
Open organizational climate.

2. Vision and Mission of the Department

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY



Vision

The vision of the department is to be nationally recognized center of excellence for patient care and services and exemplary education as well as research in orofacial diagnostic sciences.

Mission

The mission of is to advance the practice of medicine , improve patient care and promote scholarly activities . Central to this mission are the following :

- .To encourage and support the pursuit of high quality, leading-edge education and research.
- . To promote the dissemination of new knowledge in the management of oro-facial disorders.

3. Course Objectives and Course Outcomes

The dental graduates during training in the institutions should acquire adequate knowledge, necessary skills and such attitudes which are required for carrying out all the activities appropriate to general dental practice involving the prevention, diagnosis and treatment of anomalies and diseases of the teeth, mouth, jaws and associated tissues. The graduate should also understand the concept of community oral health education and be able to participate in the rural health care delivery programmes existing in the country.

Objectives

The objectives are dealt under three headings namely (a) knowledge and understanding (b) skills and (c) attitudes.

a. Knowledge and understanding

The graduate should acquire the following during the period of training.

1. Adequate knowledge of the scientific foundations on which dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and should be able to evaluate and analyse scientifically various established facts and data.
2. Adequate knowledge of the development, structure and function of the teeth, mouth and jaws and associated tissues both in health and disease and their relationship and effect on general-state of health and also the bearing on physical and social well-being of the patient.
3. Adequate knowledge of clinical disciplines and methods, which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and preventive, diagnostic and therapeutic aspects of dentistry.
4. Adequate clinical experience required for general dental practice.
5. Adequate knowledge of biological function and behaviour of persons in health and sickness as well as the influence of the natural and social environment on the state of health so far as it affects dentistry.

b. Skills

A graduate should be able to demonstrate the following skills necessary for practice of dentistry.

1. Able to diagnose and manage various common dental problems encountered in general dental practice, keeping in mind the expectations and the right of the society to receive the best possible treatment available wherever possible.
2. Acquire skill to prevent and manage complications if encountered while carrying out various dental surgical and other procedures.
3. Possess skill to carry out required investigative procedures and ability to interpret laboratory findings.
4. Promote oral health and help to prevent oral diseases wherever possible.
5. Competent in control of pain and anxiety during dental treatment.

c. Attitudes

A graduate should develop during the training period the following attitudes.

1. Willing to apply current knowledge of dentistry in the best interest of the patients and the community.
2. Maintain a high standard of professional ethics and conduct and apply these in all aspects of professional life.
3. Seek to improve awareness and provide possible solutions for oral health problems and needs throughout the community.
4. Willingness to participate in the continuing education programmes to update knowledge and professional skills from time to time.
5. To help and to participate in the implementation of national health programmes.



SYLLABUS

III BDS

ORAL MEDICINE AND RADIOLOGY

THEORY: 20 HOURS MUST KNOW

III YEAR ORAL MEDICINE THEORY: 12 HOURS

PRACTICALS: 70 HOURS

| | |
|--|--------|
| 1. Introduction to Oral Medicine- Definition Scope and Clinical Applications | 1 hour |
| 2. Principles of oral diagnosis - Definitions. - Importance of diagnosis and various types of diagnosis - Case history and components. - Physical examination methodologies - general examination, extra oral & neck examination , intra oral examination - Concepts of provisional diagnosis, differential diagnosis. - Clinical chair side investigations and radiological investigations, exfoliative cytology; hematological, microbiological, histopathological investigations. - Special investigations --biochemical, sialochemical studies, serology, immunological studies. - Final /confirmed diagnosis. - Formulation of treatment plan & prognosis - Referral for opinions. Examination of swelling, ulcer, erosions, sinus, fistula, pigmented lesions, red and white mucosal lesions, pain, TMJ, and lymphnodes Procedures for post-mortem dental examination; maintaining dental records and their use in dental practice and post mortem identification; jurisprudence and ethics. | 3hour |
| 3. Regressive alterations of teeth, Developmental malformations, discoloration of teeth. | 1 hour |
| 4. Principles, procedures, and protocol for asepsis, sterilisation, infection control. | 1 hour |
| 5. Oral sepsis and its effect on general system. Inflammation- injury, infection and spread of infection, facial space infections, osteoradionecrosis. | 1 hour |
| 6. Periapical Diseases, And Diseases Of Dental Pulp, Diagnosis Of Dental Caries, Periodontal Diseases Such As Gingival Hyperplasia, Gingivitis, Periodontitis, Pyogenic Granuloma | 1 hour |
| 7. Differential diagnosis of orofacial pain: i. Pain arising from diseases of orofacial tissues like teeth, pulp, gingival and periodontal tissues, mucosa, tongue, muscles, blood vessels, lymph nodes, bone, paranasal sinuses, salivary glands etc. | 2 hour |

| | |
|---|---------------|
| <p>ii. Pain arising due to CNS diseases: pain due to intracranial and extracranial involvement of cranial nerves. (multiple sclerosis, cerebrovascular diseases, trojter's syndrome etc.). Neuralgic pain due to unknown causes: trigeminal neuralgia, glossopharyngeal neuralgia, sphenopalatine ganglion neuralgia, periodic migrainous neuralgia and atypical facial pain.</p> <p>iii. Referred pain: pain arising from distant tissues & organs like heart, spine etc.altered sensations like cocageusia, halitosis.</p> <p>Neuromuscular disorders:</p> <p>i. Nerves:(a) neuropraxia, (b) neurotemesis (c) neuritis (d) facial nerve paralysis including Bell's palsy, Heerfordt's syndrome, Melkerson Rosenthal syndromeand Ramsay Hunt syndrome (e) neuroma (f) neurofibromatosis (g) Frey's syndrome.</p> <p>ii. Muscles: (a) Myositis ossificans (b) Myofacial pain dysfunction syndrome (c) trismus.</p> | |
| <p>8. Orofacial Pigmentation: Exogenous And Endogenous Pigmentations</p> | <p>1 hour</p> |
| <p>9.Pharmcotherapeutics : General therapeutic measures- drugs commonly usedin oral medicine viz. Antibiotics, chemotherapeutic agents, anti-inflammatory and analgesic drugs, corticosteriods, antiviral drugs, antifungal drugs, antitubercular drugs, antihistamines, immunomodulators, immunosuppressive drugs, sialogogues, antisialogoguges.</p> | <p>1 hour</p> |

III BDS

ORAL MEDICINE AND RADIOLOGY

Radiology

III YEAR THEORY : 8 Hours

| | |
|--|--------|
| 1.Introduction to Oral Radiology -History, origin, Definitions, scope & limitations. | 1 hour |
| 2. Basic physics in radiology <ul style="list-style-type: none">- Radiographic equipment- Radiographic accessories (film holders, beam directional devices, intensifying screens, extra oral cassettes, grids etc.)- Radiographic image receptors <p>Factors responsible for ideal radiographs:</p> <ul style="list-style-type: none">i. KvP and ma of X-ray machineii. Filtersiii. Collimationsiv. Intensifying screensv. Grids <p>Faulty radiographs and artefacts in radiographs.</p> | 1 hour |
| - Production of X rays (dark room procedures, composition of developer fixer, safe lighting, processing technique- manual/ automatic, storage of films) | 1 hour |
| <ul style="list-style-type: none">- Properties of X rays- Sources of radiation.- Electromagnetic spectrum & types of radiation- Electro physical factors- Collimation, Filtration- Films- Principles of Shadow Casting- Projection Geometry- Object localization techniques | 2 hour |
| 3.Principles of Intra oral Radiography, techniques, indications of - IOPA Bitewing, Occlusal radiography - lecture | 1 hour |
| 4. Radiographic interpretation - I <ul style="list-style-type: none">- Principles, procedures.- Normal radiographic landmarks of jaws & adjacent structures.- Radiographic interpretations & differential diagnosis in dental caries periodontal diseases, periapical disease | 2 hour |

IV BDS

ORAL MEDICINE AND RADIOLOGY

Theory: 45 Hours

Practicals : 100 Hours

MUST KNOW IV YEAR ORAL MEDICINE THEORY: 31 HOURS

| | |
|--|---------|
| <p>1.Acute infections of oral and para oral structures - bacterial, viral, fungal, parasitic including cervico facial lymphadenopathy. Bacterial: Streptococcal, tuberculosis, syphilis, vincent's, leprosy, actinomycosis, diphtheria and tetanus. Fungal: Candida albicans, deep seated fungal infections Virus: Herpes simplex, Herpes zoster, Ramsy Hunt Syndrome, measles, herpangina, mumps, infectious mononucleosis, HIV, hepatitis -B, hepatitis-C Granulomatous diseases: tuberculosis, sarcoidosis, midline lethal granuloma, Crohn's disease and histiocytosis X</p> | 2 hour |
| <p>2. White and red lesions of oral mucosa. White lesions: chemical burns, leukoedema, leukoplakia, fordyce's spots, stomatitis nicotina palatinus, white spongy nevus, candidiasis, lichen planus, discoid lupus erythematosus, oral submucous fibrosis Red lesions: Erythroplakia, stomatitis venenata and medicamentosa, erosive lesions and denture sore mouth.</p> | 2 hour |
| <p>3. Ulceerative lesions : Acute and chronic ulcers. Vesiculobullous lesions of oral mucosa: herpes simplex, herpes zoster, herpangina, bullous lichen planus, pemphigus, cicatricial pemphigoid, erythema multiforme.</p> | 2 hours |
| <p>4.Diagnostic protocol for differential diagnosis of cysts, odontogenic, non-odontogenic and developmental cysts. Cysts of soft tissues : Mucocele and Ranula Cysts of bone : odontogenic and non-odontogenic. Tumors: Soft tissue: Epithelial: Papilloma, Carcinoma, Melanoma. Connective tissue: Fibroma, lipoma, fibrosarcoma. Vascular: Haemangioma, Lymphangioma. Nerve tissue: Neurofibroma, traumatic neuroma, Neurofibromatosis. Salivary Glands: Pleomorphic adenoma, Adenocarcinoma, Warthin's tumor, Adenoid cystic carcinoma. Hard tissue: Non-odontogenic tumors: Odontogenic tumors: Fibro osseous lesions of oral paraoral structures.</p> | 2 hours |



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| <p>5. Oral manifestations of Metabolic disorders:</p> <ul style="list-style-type: none"> i. Porphyria ii. Haemochromotosis iii. histiocytosis, <p>Oral manifestations of endrocrinal disorders:</p> <ul style="list-style-type: none"> i. Pituitary: - Acromegaly, Gigantism, hypopituitarism. ii. Adrenal cortex: Addison's disease (hypofunction) Cushing's syndrome(hyper function) iii. Parathyroid glands: Hyperparathyroidism, hypoparathyroidism iv. Thyroid glands:Cretinism(hypothyroidism),myxoedema, hyperthyroidism v. Pancreas: Diabetes. <p>Nutritional difficiency affecting oral cavity: Vitamins: Riboflavin, nicotinic acid, folic acid, vitamin B12, vitamin C (scurvy)</p> <p>Blood disorders:</p> <ul style="list-style-type: none"> i. Red blood cell diseases: iron deficiency anemia, plummer Vinson syndrome, pernicious anemia, thalassemia, sickle cell anemia, erythroblastosis foetalis, aplastic anemia, polycytemia. ii. WBC disorders: Neutopenia, cyclic neutropenia, agrnauocytosis, infectious mononucleosis and leukemias iii. Bleeding & clotting disorders: thrombocytopenia, purpura, haemophilia, Christmas disease and Von Willebrant's disease. | |
| <p>6. Dermatological diseases importance to dentistry:</p> <ul style="list-style-type: none"> i. Ectodermal dysplasia ii. Hyperkeratosis palmoplantaris with periodontopathy iii. Scleroderma iv. Lichen planus including grinspan syndrome v. lupus erythematoses vi. Pemphigus vii. Erythema multiforme viii. Psoriasis. | 2 hours |
| <p>7. Disease of tongue and tongue in systemic diseases:</p> <p>Aglossia, ankyloglossia, bifid tongue, fissured tonge, scrotal tongue, macroglossia, microglossia, geographic tongue, median rhomboid glossitis, depapillation of tonge, hairy tongue, atrophic tongue, reactive lymphoid hyperplasia, glossodynia, glossopyrosis, ulcers, white and red lesions.</p> | 1 hour |
| <p>8. Concept of pre malignancy, Premalignant lesions and conditions</p> | 1 hour |
| <p>9.Oral Cancer, Etiology and Classification</p> <p>Epidemiology.</p> <ul style="list-style-type: none"> - Screening. - Clinical Features and Clinical staging - Diagnosis. - Laboratory Investigations and Diagnosis. - Immune concepts in Oral Malignancies. - Management Chemotherapy / Radiotherapy. | 2 hour |

2 hours



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| <p>10. Diseases of salivary glands:</p> <ul style="list-style-type: none"> i. Developmental disturbances: Aplasia, atresia and aberration. ii. Functional disturbances : Xerostomia, ptyalism. iii. Inflammatory conditions: Non-specific sialadenitis, mumps, sarcoidosis, heerdfort's syndrome (uveoparotid fever), necrotizing sialometaplasia. iv. Cysts and tumors: Mucocele, ranula, ;pleomorphic adenoma, mucoepidermoid carcinoma. v. Miscellaneous : sialolithiasis, Sjogren's syndrome, mikuliez's disease andsialosis. | 2 hour |
| 11. Autoimmune diseases affecting oral cavity | 1 hour |
| <p>12. Allergic: Local allergic reactions, anaphylaxis, serum sickness (local and systemic allergic manifestations to drugs and chemicals)</p> <p>Immunoological lesions of oral cavity:</p> <ul style="list-style-type: none"> i. Multiple myeloma ii. HIV clinical manifestations, oppourtunistic infections, neoplasms iii. Thrombocytopenia iv. Lupus erythematosus v. Scleroderma vi. Dermatomyositis vii. Rheumatoid arthritis viii. Recurrent oral ulcerations including behcet's syndrome and reiter's syndfrome. | 3 hour |
| <p>13. Diseases of TMJ : Developmental abnormalities of condyle, rheumatoid arthritis, osteoarthritis, subluxation and luxation, internal derangement ofTMJ, myofacial pain dysfunction syndrome.</p> <p>Diseases of Bone: Development disorders, anomalies, exostosis and tori, infantile cortical hyperostosis, osteogenesis imperfecta, marfans syndrome, osteoporosis. Miscellaneous- Paget's disease, mono and polyostotic fibrous dysplasia, cherubism,</p> | 3 hour |
| 14. Diseases of maxillary sinus | 1 hour |
| <p>15. Oral manifestations of systemic diseases and medical emergency management, cardiac patient,cardias arrest, specific infections, syncope, anaphylaxis.</p> <p>Phsiologic changes: Puberty, pregnancy and menopause.</p> | 1 hour |
| 16. Maxillofacial trauma clinical diagnostic protocol | 1 hour |
| 17. Psychosomatic diseases, burning mouth syndrome, glossopyrosis glossodynia, orofacial dysaesthesia, cancerophobia., MPDS, taste abnormalities | 1 hour |
| <p>18. Forensic Odontology including radiography in forensic odontology:</p> <ul style="list-style-type: none"> i. Medicolegal aspects of orofacial injuries ii. Identification of bite marks | 1 hour |



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| iii. Determination of age and sex iv. Identification of cadavers by dental appliances, restorations and tissue remnants. | 1 hour |
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IV BDS

ORAL MEDICINE AND RADIOLOGY

MUST KNOW

IV YEAR RADIOLOGY THEORY: 14 HOURS

| | |
|--|---------|
| 1. Radiographic interpretation II - Radiographic artifacts. | 1 hour |
| - Radiographic features of common pathologies of jaw bones (cysts , tumors, fibro-osseous diseases, metabolic, endocrine, nutritional blood disorders) | 2 hour |
| - TMJ radiography - | 1 hour |
| 2. Biologic effects of radiation and radiation protection | 2 hours |
| 3. Principles of radiotherapy- preparation of patient for oral radiotherapy, management of post radiation oral complications | 1 hour |
| 4. Principles of extra oral radiography- techniques and indications of maxillary sinus, trauma radiography, cephalometry, various skull projections. | 2 hour |
| 5. Contrast radiography- technique and interpretation of Sialography, cystography, arthrography, angiography- lecture. | 1 hour |
| 6. Panoramic Radiography | 1 hour |
| 7. Advance radiographic techniques- CT scans, PET scans, radionucleide diagnosis, digital radiography, sialography, digital imaging, xeroradiography | 1 hour |

Clinicals

III & IV year BDS (inclusive)

ORAL MEDICINE

1. Detailed presentation of case histories of (minimum) ten special cases.

RADIOLOGY

1. Taking IOPA for at least 25 cases and processing them.
2. Taking at least 2 Bite wing radiographs and processing them.
3. Interpretation of at least 25 IOPA Radiographs.



CLINICAL DEMONSTRATIONS

1. Demonstrations of the following radiographic techniques:
 - a. Maxillary and mandibular occlusal view
 - b. Orthopantomograph
 - c. Lateral cephalogram
 - d. Postero anterior view of mandible
 - e. Paranasal sinus view
 - f. Reverse towne's view
 - g. Submentovertex view
 - h. Lateral oblique view for ramus and body of mandible

Identification Of The Above Mentioned Radiographs And Their Interpretation

Timetable – Master, Class & Teacher Topic Timetable

TIME TABLE FOR ODD BATCH III YEAR BDS

| DAYS | 8.30 TO 9.30 | 9.30 TO 10.30 | 10.30 TO 11.30 | 11.30 TO 12.30 | 12.30 TO 1.00 | 1.00 TO 3.00 |
|------|-------------------------------|----------------|---------------------------|----------------|--|--------------|
| MON | COMMUNITY DENTISTRY | PERIODONICS | ORAL SURGERY | ORAL PATHOLOGY | L U N C H B R E A K | CLINICS |
| TUE | GEN MEDICINE CLINICS | | | | | CLINICS |
| WED | GEN-SURGERY/ HOSPITAL POSTING | | | | | CLINICS |
| THUR | ORTHODONTICS | ORAL PATHOLOGY | CONSERVATIVE | PROSTHODONTICS | | CLINICS |
| FRI | ORAL MEDICINE | GEN SURGERY | ORAL PATHOLOGY PRACTICALS | | | CLINICS |
| SAT | GEN MEDICINE | | ORAL PATHOLOGY PRACTICALS | | | |

TIME TABLE FOR IIIrd BDS REGULAR BATCH

| DAYS | 8.30 TO 9.30 | 9.30 TO 10.30 | 10.30 TO 11.30 | 11.30 TO 12.30 | 12.30 TO 1.00 | 1.00 TO 3.00 |
|------|-------------------------------|----------------|---------------------------|----------------|--|--------------|
| MON | COMMUNITY DENTISTRY | PERIODONICS | ORAL SURGERY | ORAL PATHOLOGY | L U N C H B R E A K | CLINICS |
| TUE | GEN MEDICINE CLINICS | | | | | CLINICS |
| WED | GEN-SURGERY/ HOSPITAL POSTING | | | | | CLINICS |
| THUR | ORTHODONTICS | ORAL PATHOLOGY | CONSERVATIVE | PROSTHODONTICS | | CLINICS |
| FRI | ORAL MEDICINE | GEN SURGERY | ORAL PATHOLOGY PRACTICALS | | | CLINICS |
| SAT | GEN MEDICINE | | ORAL PATHOLOGY PRACTICALS | | | |

TIME TABLE FOR IV BDS REGULAR BATCH

| DAYS | 8.30 – 9.30 A.M | 9.30-10.30 AM | 10.30A.M-1.00 PM | 1.00 TO 1.30 | 1.30 TO 2.30 PM | 2.30 – 3.30 PM |
|--------|---------------------|----------------|------------------|--|-----------------|---------------------|
| MON | PROSTHODONTICS | ORTHODONTICS | CLINICS | L U N C H B R E A K | CLINICS SURGERY | ORAL |
| TUE | PEDODONTICS | ORAL MEDICINE | CLINICS | | CLINICS | PERIODONTICS |
| WED | COMMUNITY DENTISTRY | CONSERVATIVE | CLINICS | | CLINICS | orthodontics |
| THUR S | PERIODONTICS | PEDODONTICS | CLINICS | | CLINICS | CONSERVATIVE |
| FRI | ORAL SURGERY | PROSTHODONTICS | CLINICS | | CLINICS | COMMUNITY DENTISTRY |
| SAT | ORAL MEDICINE | CLINICS | CLINICS | | | |

| DAYS | 8.30 – 9.30 A.M | 9.30-10.30 AM | 10.30A.M - 1.00 PM | 1.0 0 TO 1.3 0 | 1.30 TO 2.30 PM | 2.30 – 3.30 PM |
|-----------|------------------------|--------------------|-----------------------|--|-------------------------|------------------------|
| MON | PROSTHODONTIC S | ORTHODONTICS | CLINICS | L U N C H B R E A K | CLINICS ORAL SURGERY | |
| TUE | PEDODONTICS | ORAL MEDICINE | CLINICS | | CLINIC S | PERIODONTIC S |
| WED | COMMUNITY DENTISTRY | CONSERVATIVE | CLINICS | | CLINIC S | orthodontics |
| THUR S | PERIODONTICS | PEDODONTICS | CLINICS | | CLINIC S | CONSERVATIV E |
| FRI | ORAL SURGERY | PROSTHODONTIC S | CLINICS | | CLINIC S | COMMUNITY DENTISTRY |
| SAT | ORAL MEDICINE | CLINICS | CLINICS | | | |

TEACHER TOPIC TIME TABLE

Department Of Oral Medicine and Radiology**Time Table for the Theory Classes**

Month of April –June 2021

| Day | Time | Date | Staff/ PG | Topics |
|----------|-----------|-----------|----------------------|----------------------|
| Saturday | 8:30-9:30 | 3/4/2021 | Dr.Anuradha | Bone diseases |
| Saturday | 8:30-9:30 | 10/4/2021 | Dr.Anuradha | Bone disease |
| Saturday | 8:30-9:30 | 17/4/2021 | Dr.Anuradha | Fibro-osseous lesion |
| Saturday | 8:30-9:30 | 24/4/2021 | Dr.Bharathi | Cyst of the Jaw |
| Saturday | 8:30-9:30 | 8/5/2021 | Dr.Bharathi | Cyst of the jaw |
| Saturday | 8:30-9:30 | 15/5/2021 | Dr.Asha | Odontogenic tumors |
| Saturday | 8:30-9:30 | 22/5/2021 | Dr.Asha | Odontogenic tumors |
| Saturday | 8:30-9:30 | 29/5/2021 | Dr.Sheshaprasad | Endocrine disorders |
| Saturday | 8:30-9:30 | 5/6/2021 | Dr. Raghunand | Viral Hepatitis |
| Saturday | 8:30-9:30 | 12/6/2021 | OPG | Dr.Shivu |
| Saturday | 8:30-9:30 | 19/6/2021 | Sialography | Dr.Sushmini |
| Saturday | 8:30-9:30 | 26/6/2021 | Radiation protection | Dr.Divya |

Month of July – August 2021

| Day | Time | Date | Staff/ PG | Topics |
|----------|-----------|-----------|-------------|---|
| Saturday | 8:30-9:30 | 17/7/2021 | Dr Sindhu | IOPAR techniques |
| Saturday | 8:30-9:30 | 24/7/2021 | Dr Asha | Digital imaging |
| Saturday | 8:30-9:30 | 31/7/2021 | Dr Divya | Radionuclide imaging |
| Saturday | 8:30-9:30 | 7/8/2021 | Dr Shabnoor | Oral ulcer classification and deep fungal infection |
| Saturday | 8:30-9:30 | 14/8/2021 | Dr Sheethal | Age and sex determination |

Time Table for the Theory Classes-Final year ODD batch 2021

Month of August - October 2021

| Day | Time | Date | Staff/ PG | Topics |
|----------|------------|-------------|-----------------|------------------------------|
| Saturday | 8:30-9:30 | 28/ 08/2021 | Dr Raghunand | Red and white lesions |
| Tuesday | 9:30-10:30 | 31/08/2021 | Dr Raghunand | Red and white lesions |
| Saturday | 8:30-9:30 | 04/09/2021 | Dr Raghunand | Red and white lesions |
| Tuesday | 9:30-10:30 | 07/09/2021 | Dr Raghunand | Red and white lesions |
| Saturday | 8:30-9:30 | 11/09/2021 | Dr sheshaprasad | Oral Cancer and Radiotherapy |
| Tuesday | 9:30-10:30 | 14/09/2021 | Dr sheshaprasad | Oral Cancer and Radiotherapy |
| Saturday | 8:30-9:30 | 18/09/2021 | Dr sheshaprasad | Oral Cancer and Radiotherapy |

| | | | | |
|----------|------------|------------|--------------|---------------------------------|
| Tuesday | 9:30-10:30 | 21/09/2021 | Dr Sindhu | Orofacial pain and Bell's palsy |
| Saturday | 8:30-9:30 | 25/09/2021 | Dr Sindhu | Orofacial pain and Bell's palsy |
| Tuesday | 9:30-10:30 | 28/09/2021 | Dr Sindhu | Orofacial pain and Bell's palsy |
| Tuesday | 9:30-10:30 | 5/10/2021 | Dr Sindhu | Orofacial pain and Bell's palsy |
| Saturday | 8:30-9:30 | 9/10/2021 | DR Sowbhagya | Salivary gland disorders |
| Tuesday | 9:30-10:30 | 12/10/2021 | DR Sowbhagya | Salivary gland disorders |
| Saturday | 8:30-9:30 | 23/10/2021 | Dr Kalyan | D/M of CVS |
| Tuesday | 9:30-10:30 | 26/10/2021 | Dr Sheetal | D/M of Renal disorders |

Teaching Methodologies

- Theory
- Discussion; case history & diagnosis
- Clinical training; case history, diagnosis, treatment options & planning

Learning Materials

- Health Education models
- Health Education charts
- Demonstrative models
- Flip charts
- Working models
- Computer software and Applications
- Flash Cards
- OHP projector
- Games and videos
- Smart Pen

Assignment

- Seminars
- Health Talk
- Charts
- Models
- Survey
- Powerpoints
- Essays

9. Study Material

Textbooks Recommended AND Reference Books

| Sl no | Book name | Edition /year | Author |
|--------------|---|---------------------------------|---|
| 1. | Oral radiology Principles& interpretation | 4 th edition 1997 | White & Pharoah |
| 2. | Principles of dental imaging | 1 st edition 1997 | Olaf E Langland Robert P Langlais |
| 3. | Differential diagnosis of oral lesions | 4 th edition 1991 | Wood & Goaz |
| 4. | Burkitt's Oral Medicine, Diagnosis & treatment | 9 th edition 1998 | Malcolm Lynch, Vernon J Brightman, Martin S Greenberg |
| 5. | Diagnostic picture tests in oral medicine | 1 st edition | W R Tydesley |
| 6. | Essentials of dental radiography & radiology | 3 rd edition | Eric Whaites |
| 7. | Burkitt's Oral Medicine, Diagnosis & treatment | 10 th edition | Greenberg, Glick |
| 8. | Oral radiology principles & interpretation | 5 th edition | White & Pharoah |
| 9. | Oral & maxillofacial Infections | 4 th edition | Topazian Goldaberg |
| 10 | Burket's oral medicine diagnosis & treatment | 10 th edition | Greenberg ,Glick |
| 11 | Textbook of oral medicine | | Anil govind rao ghom |
| 12 | Differential diagnosis of oral & maxillofacial lesion | | Wood & Goaz |
| 13 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar |
| 14 | Oral diagnosis, oral medicine & treatment planning | 2 nd edition | Bricker |
| 15 | Burkett's oral medicine | 11 th edition | Greenberg |
| 16 | Burkett's oral medicine | 11 th edition | Greenberg |
| 17 | Shafer's textbook of oral pathology | 5 th edition | R.Rajendran |
| 18 | Oral maxillofacial pathology | 2 nd edition | Nevelle |

LIST OF DEPARTMENT LIBRARY BOOKS

| Sl no | Book name | Edition /year | Author | Library number |
|--------------|---|---------------------------------|---|-----------------------|
| 1 | Fundamentals of dental radiology | 1 st edition 1992 | Vimal Sikri | 0751 |
| 2 | Manual of dental therapeutics | 1 st edition 1993 | Raymond F Zambito | 0648 |
| 3 | Immunology of oral diseases | 3 rd edition 1992 | Thomas lochner | 0314 |
| 4 | A guide to dental radiology | 4 th edition 1998 | Rita mason, Sarah Bourne | 1367 |
| 5 | Dental management of medically compromised patients | 4 th edition 1993 | James W Little | 1081 |
| 6 | Oral radiology Principles& interpretation | 4 th edition 1997 | White & Pharoah | 1497 |
| 7 | An atlas of dental radiographic anatomy | 4 th edition 1994 | Kasle | 0370 |
| 8 | A text book oral pathology | 4 th edition 1997 | Shafer Hine Levy | 1545 |
| 9 | Colour atlas of oral medicine | 2 nd edition 1994 | Wilham R Tyldesley | 1195 |
| 10 | Internal medicine for dentistry | 2 nd edition 1990 | Louis F Rose, Donald Kaye | 1092 |
| 11 | Atlas of dental & maxillofacial radiology | 1 st edition 1995 | Roger M Browne Hugh D | 1197 |
| 12 | Principles of dental imaging | 1 st edition 1997 | Olaf E Langland Robert P Langlais | 1488 |
| 13 | Oral medicine in practice | 1 st edition 1991 | P J Lamey | 1087 |
| 14 | Differential diagnosis of oral lesions | 4 th edition 1991 | Wood & Goaz | 0306 |
| 15 | Burkitt's Oral Medicine, Diagnosis & treatment | 9 th edition 1998 | Malcolm Lynch, Vernon J Brightman, Martin S Greenberg | 1458 |
| 16 | Diagnostic picture tests in oral medicine | 1 st edition | W R Tydesley | 1056 |
| 17 | Principles of oral diagnosis | | Garry C Coleman, John F Nelson | 0261 |
| 18 | Hand book of medical emergencies in dental office | 3 rd edition | Stanley M Malcolm | 0062 |

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| 19 | Oral diseases in the tropics | | S R Prabhu,D F Wilson, D K Daftary | 1427 |
| 20 | Clinical medicine | 3 rd edition | Praveen Kumar. Micheal Clark | 1631 |
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| 22 | Essential immunology | 8 th edition | Iran Roitt | 0563 |
| 23 | Pathologic basis of diseases | | Robbins, Kumar | 1321 |
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| 25 | Concise Medical Physiology | | Choudary | 1348 |
| 26 | Pathology & Surgery of salivary glands | | R A Cawson M J Gleeson | 01829 |
| 27 | Essentials of dental radiography & radiology | 3 rd edition | Eric Whaites | 02504 |
| 28 | Orofacial Pain | | Jeffrey P Okeson | 02505 |
| 29 | Burkitt's Oral Medicine, Diagnosis & treatment | 10 th edition | Greenberg, Glick | 02647 |
| 30 | Fundamentals of dental radiology | 2 nd edition | Vimal Sikri | 751 |
| 31 | A short textbook of oral radiology | | C.Anand Kumar | 03253 |
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| 34 | Oral radiology principles & interpretation | 5 th edition | White & Pharoah | 02796 |
| 35 | Immunization digest | | A. Parthasarathy, M.R.Lokeshwar,Nitin Shah | 3144 |
| 36 | Oral & maxillofacial Infections | 4 th edition | Topazian Goldaberg | 3203 |
| 37 | Contemporary oral and maxillofacial pathology | 2 nd edition | Phillip Sapp & Eversole | |
| 38 | Infection control management of hazardous materials for the dental team | 3 rd edition | Chris.H.Miller, Charles John, Palenik | 3101 |
| 39 | Burket's oral medicine diagnosis & treatment | 10 th edition | Greenberg ,Glick | 3020 |
| 40 | Textbook of oral medicine | | Anil govind rao ghom | 3129 |

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| 41 | Dental management of the medically compromised patient | 6 th edition | James.W.Little | 3176 |
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| 52 | Colour atlas of common oral diseases | 3 rd edition | Robert P Langlais | 3445 |
| 53 | Differential diagnosis of oral & maxillofacial lesion | | Wood & Goaz | 3514 |
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| 62 | Hutchison's clinical method | 22 nd edition | Michael Swash | 4157 |

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| 63 | CMDT 2008 | | Stephen.J.Mephee | 4175 |
| 64 | Shafer's textbook of oral pathology | 5 th edition | R.Rajendran | 4164 |
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| 66 | Essentials of dental radiography & radiology | 4 th edition | Eriq Whaites | 4093 |
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| 96 | Orofacial pain & headache | | Yairsharon,Rafeal Benoliel | 4763 |
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| 99 | Textbook of oral pathology | 6 th edition | Shafer's | 5172 |
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| 103 | Oral medicine | | Sateesh chandra, Shaleen Chandra | 5182 |
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| 114 | Tyldesley's Oral Medicine | 5 th ed. | Anne field & Lesley longman | 5666 |
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| 116 | Nutrition & oral medicine | | Riva tovger, David A. Sirois, Connie C. Motley | 5664 |
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| 122 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6046 |
| 123 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6067 |
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| 2. | Principles of practical oral medicine | | Pramodh John | |
| 3. | Diagnostic procedures in dentistry | 1 st edition | Pramod K Dayal | 3254 |
| 4. | The essentials of periodontology | | H.P.Mueller | |
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| 7. | Fundamentals of dental radiology | 3 rd edition | Vimal.K.Sikri | 3330 |

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| 8. | Color atlas of oral medicine | | Gopal Krishan B.R | |
| 9. | Essentials of oral medicine | | Gopal Krishan B.R | |
| 10 | Pocket atlas of oral diseases | 2 nd edition | G.Laskaris | |
| 11 | Oral medicine oral diagnosis and oral radiology | | Ravikiran Ongole | |
| 12 | Anatomy of the head & neck for dental & medical students | 2 nd edition | A. Halim | |
| 13 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 14 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 15 | Textbook of oral medicine & oral diagnosis & oral radiology | | Ravikiran ongole, Praveen B.N | |
| 16 | Textbook of dental radiology | 2 nd edition | Pramod John.R. | |
| 17 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 18 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 19 | Periodontology the essentials | | H.P.Mueller | |
| 20 | Textbook of oral radiology | | Anil Ghom | |
| 21 | Medical law for the dental surgeon | | George Paul | |
| 22 | Radiography for technicians | | L.C.Gupta | |
| 23 | Medicine for dental students | | R.Alagappan | |
| 24 | Infection control in dental practice | | Anil,Samarnayak | |
| 25 | Text book of pedodontics | 2 nd edition | Shobha Tandon | |
| 26 | Differential diagnosis of oral and maxillofacial lesions | | Wood & Goaz | 03250 |
| 27 | A clinical atlas of oral diseases | | A.P.Bhatt | |
| 28 | Dental anatomy and physiology | 7 th edition | Wheeler | |

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| 29 | Diagnostic oral medicine | | BK Venkatraman | |
| | <u>XEROX BOOKS (COPIES)</u> | | | |
| 1. | Panoramic radiology | 2 nd edition | Langland & Langlais | |
| 2. | Maxillofacial imaging | | Delbalso | |
| 3. | Surgical pathology of the salivary glands Vol 25 | | Gary.L.Ellis, Paul L.Auctair | |
| 4. | Maxillofacial imaging | | Angelo.M.Delbalso | |
| 5. | Diagnostic imaging of jaws | | Langlais ,Langland | |
| 6. | Principles and practice of oral radiologic interpretation | | M. Worth | |
| 7. | Oral medicine diagnosis & treatment | 8 th edition | Burkett's | |
| 8. | Panoramic radiology | 1st edition | Langland & Langlais | |
| 9. | Physics of diagnostic radiology | 4 th edition | Christenson | |
| 10. | Diseases of oral; mucosa | 2 nd ed. | Mc Carthy | |
| 11. | Clinical oral medicine | | J J Gayford | |

LIST OF JOURNALS

National

1. Indian journal of dental research.
2. Journal of pearl dent.
3. Guident
4. world journal of dentistry
5. medicolegal update
6. journal of pierre fauchard academy
7. Indian journal of dental education
8. journal of international oral health
9. The open dentistry journal
10. Indian dentist research and review
11. Indian journal of stomatology
12. Journal Indian academy
13. Journal advanced dental research
14. Journal of dental science and research
15. Indian journal of dental advancement
16. natl medical journal India

International

1. libyan journal medicine
2. Journal of investigative and clinical dentistry
3. acta stomatologic Croatia (ASCRO)
4. International journal of contemporary dentistry
5. International journal of research in ayurveda and pharmacy
6. Dentistry international
7. Journal of Nepal dental association

8. HongKong dental journal
9. Journal of clinical oral investigation
10. Journal of oral and maxillofacial surgery, medicine and pathology
11. Oral science international
12. Japanese dental science review
13. Journal of medical case reports
14. Inman Red Crescent Medical Journal
15. Malaysian Journal Medical Science
16. Rev Bras Otorinolaringologia
17. World dental journal
18. International journal of dental case reports
19. J. Rev Clin Pesq Odontol
20. Dental Tribune
21. International journal of clinical dental science
22. Dental research journal
23. Journal of Minimally Invasive Dentistry
24. Journal Clinical and Diagnostic Research
25. Journal of Croatian Medicine
26. International Journal of Pharmacy and Bio Science
27. Arch Oncol
28. Arch Environ Contam Toxicol
29. Academy of General Dentistry
30. Minerva Stomatologica
31. International Journal of Odontostomatology
32. New York State Dental Journal
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34. Eur Acad Dermatol Venereol

35. Acta Medica

36. Clin Oral Invest

37. Arch Dermatol

38. Journal of pharmacy research

39. Acta odontol Scand

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DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY 2019-2020

FOR IV YEAR BDS

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| 2. | Dr.Asha | HIV/ AIDS |  HIV.ppt |
| 3. | Dr.Sowbhagya | Red and White Lesions |  red and white lesion.ppt |
| 4. | Dr.Anuradha | Oral Cancer and Radiotherapy |  Oral cancer.ppt |
| 5. | Dr.Sushmini | Orofacial Pain & Bell's Palsy |  OROFACIAL PAIN.ppt |
| 6. | Dr.Bharathi | TMJ disorders & TMJ radiography |  TMJ Disorders.ppt |
| 7. | Dr.Sindhu | Bone Diseases |  Disease of bone.ppt |
| 8. | Dr.Sindhu | Fibro-osseous Lesions |  Fibro osseous lesions.ppt |

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| 9. | Dr.Shivu | Vesiculobullous lesions of oral cavity |  Vesiculo-bullous Lesions.ppt |
| 10. | Dr.Bharathi | Pigmented lesions of oral cavity |  pigmented lesions.ppt |
| 11. | Dr.Asha | Endocrine disorders |  Endocrine diseases.pptx |
| 12. | Dr.Shesha Prasad | Dental management of RBC & WBC (Hematological) |  Bleeding Disorders.ppt |
| 13. | Dr.Sowbhagya | Dental management of Bleeding & Clotting disorders |  Bleeding Disorders.ppt |
| 14. | Dr.Twinkle | Dental management of Cardiovascular disorders |  DM of patients with cardiovascular |
| 15. | Dr.Reshma | Dental management of Respiratory disorders |  dental mgmnt of pts wit respiratory d |
| 16. | Dr.Sikha | Dental management of GI disorders |  DM of patients with GI disorders.ppt |
| 17. | Dr.Kalyan | Dental management of Renal disorders |  oral manifestations of renal disorders.ppt |
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| 47. | Dr.Sushmini | Vesiculobullous lesions of oral cavity |  Vesiculo-bullous Lesions.ppt |
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| 53. | Dr.Shabana | Dental management of Respiratory disorders |  dental mgmnt of pts wit respiratory d |
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Internal Assessment Question paper & Scheme

Scheme of Examination

A. Theory (university written examination) 70 Marks

Distribution of Topics and Types of Questions

| Contents | Type of Questions and Marks | Marks |
|--|-----------------------------|-------|
| a. 1 Question from Oral Medicine b. 1 Question from Radiology | Long Essays 2 x 10 marks | 20 |
| a. 4 Questions from Oral Medicine b. 4 Questions from Radiology | Short Essays 8 x 5 marks | 40 |
| a. 3 Questions from Oral Medicine b. 2 Questions from Radiology | Short Answers 2x5 | 10 |
| | Total | 70 |

B. Internal Assessment Theory: 10 marks, Practicals:10 marks

C. Clinicals: 90 Marks

I. Clinicals in Oral Medicine: 60 Marks (recording of Long Case)

| | |
|---------------------------------------|----------|
| a. Case History taking | 30 Marks |
| b. Diagnosis & Differential Diagnosis | 10 Marks |
| c. Investigations | 10 Marks |
| d. Management | 10 Marks |

II. Clinicals in Radiology: 30 Marks (One Intra.a-Oral Periapical Radiograph to be taken)

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|-------------------|----------|
| a. Technique | 10 Marks |
| b. Processing | 10 Marks |
| c. Interpretation | 10 Marks |

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|-------------------------|----------|
| D. Viva Voce | 20 Marks |
| Theory | : 100 |
| University written exam | : 70 |

DEPT OF ORAL MEDICINE AND RADIOLOGY

1st internal Assessment for Final B.D.S

Regular Batch 2017-23/10/17

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify Cyst of Oral Cavity. Write in detail pathogenesis/F, R/F and treatment of OKC
2. Classify Vesicullo-bullous lesion .Write in detail etiologyC/F,Treatment And Investigation of Erythema Multiforme

Short Essay

5x8=40

1. Composition of X-ray Film
2. Crohns Disease
3. DLE
4. Oral Manifestation of AIDS
5. Oral Manifestation and dental Consideration for Diabetic Mellitus
6. Factors Controlling the production of X-ray
7. Principles of Optimization
8. X-ray Tube

Add a note on:

2x5=10

1. Line Focus Principle
2. Sturge-weber-Syndrome
3. Safelight
4. Café-au –lait spots
5. Nikolskys Sign

DEPT OF ORAL MEDICINE AND RADIOLOGY

Second internal Assessment for Final B.D.S

Odd Batch 2017-june/july 2017

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Discuss in detail about etiology and management of MPDS ?
2. Write in detail about the oral manifestations in AIDS?

Short Essay

8X5=40

3. Dental considerations in haemophilic patients ?
4. Classify anaemia and discuss about sickle cell anemia?
5. Mucocele and its management ?
6. Dental management in leukemic patients ?
7. Discuss about the etiology and risk factors associated with oral cancer ?
8. Trigeminal neuralgia and its management ?
9. Write in detail about nutritional deficiency anemias and its management ?
10. Write about the radiographic appearance of multilocular radiolucencies seen in the jaws ?

Add a note on:

5X2=10

11. Investigations in sjogrens syndrome ?
12. Sialolithiasis ?
13. Post herpetic neuralgia ?
14. Subluxation ?
15. Cyclic neutropenia ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

Second internal Assessment for Final B.D.S

Regular Batch 2016- may 2016

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify fibrous lesions and write in detail about etiology, C/F, R/F and treatment of fibrous dysplasia?
2. Classify vesiculo bullous lesions and write in detail about etiology, C/F investigations and treatment of erythema multiforme?

Short Essay

8X5=40

3. Oral candidiasis?
4. CEOT?
5. Pernicious anemia?
6. sialadenitis ?
7. post herpetic neuralgia?
8. Reverse towne projection ?

Add a note on:

5X2=10

9. Sausage linked appearance ?
10. Indications of OPG?
11. Radiographic features and Sialographic features of sialolith?
12. Sick cell anemia ?
13. Cotton wool appearance ?
14. Define pain ?
15. Define premalignant lesion and condition ?
16. Ramsay hunt syndrome ?
17. Stafnes cyst ?
18. Spider web appearance ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

first internal Assessment for Final B.D.S

Regular Batch 2016- may 2016

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify intra oral techniques and write in detail about short cone technique providing advantages and disadvantages?
2. Write in detail about x-ray production with diagram?

Short Essay

6X5=30

3. Composition of x-ray film and packet?
4. glucocorticoids?
5. Broad spectrum antibiotics?
6. Complete blood count?
7. Technical errors in radiograph?
8. Garres osteomyelitis?

Add a note on:

10X2=20

9. SLOB?
10. Film fog
11. Submasseteric space?
12. Depapillation of the tongue?
13. Filtration ?
14. Line focus –principle?
15. Position distance rule?
16. Image contrast?
17. ALARA
18. Enumerate few topical steroids used for oral lesion?

DEPT OF ORAL MEDICINE AND RADIOLOGY

SECOND internal Assessment for Final B.D.S

JULY-2016

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify fibro osseous lesion.write in detail about etiology, c/f,r/f treatment of fibrous dysplasia ?
2. Classify vesiculobullous lesions and write in detail about etiology,C/F diagnosis and management of erythema multiforme?

Short Essay

6X5=30

3. okc ?
4. osteoporosis?
5. Effect of radiotherapy on oral cavity?
6. o/m of aids?
7. Waters view?
8. pemphigoid?

Add a note on:

10X2=20

9. jug handle view ?
- 10.radiographic appearance of dentigerous cyst?
- 11.Enumerate investigation of HIV?
- 12.r/f of squamous cell carcinoma?
- 13.Tzanck test?
- 14.Nikolskys sign?
- 15.Stafnes cyst?
- 16.r/f of periapical cement osseous dysplasia?
- 17.Driven snow appearance?
- 18.Indications of reverse townes?

DEPT OF ORAL MEDICINE AND RADIOLOGY
SECOND internal Assessment for Final B.D.S

JULY-2016

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Enumerate white lesions.write in detail etiology,C/F,investigation and management of oral lichen planus?
2. Discuss in detail the steps of radiographic interpretation?

Short Essay

8X5=40

3. medical management of trigeminal neuralgia?
4. xerostomia?
5. c/f of OSMF?
6. oral manifestation of anemia?
7. Dental management of hemophilic patients ?
8. Cluster headache ?
9. Erythroplakia ?
- 10.Oral thrush ?

Add a note on:

5X2=10

11. Cyclic neutropenia ?
- 12.Capillary fragility test?
- 13.Toluidine blue staining ?
- 14.Periapical cyst ?
- 15.Sialographic appearance of normal salivary gland?

DEPT OF ORAL MEDICINE AND RADIOLOGY

Second internal Assessment for Final B.D.S

Regular batch January -2016-17

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify vesiculobullous lesions. Write in detail the pathogenesis, C/F, investigations and treatment for pemphigus?
2. Classify WBC disorders. Write in detail about oral manifestations of various WBC disorders ?

Short Essay

8X5=40

3. Cushings syndrome?
4. Histoplasmosis ?
5. Osteopetrosis ?
6. Soap bubble appearance ?
7. Indications adv and disadv of OPG?
8. Internal derangement of TMJ ?
9. Megaloblastic anemia ?
- 10.FCOD ?

Add a note on:

5X2=10

11. Finger print appearance ?
- 12.Enumerate the investigation for HIV?
- 13.Spider web, tennis racket appearance ?
- 14.Hairy leukoplakia ?
- 15.Café au lait pigmentation?

DEPT OF ORAL MEDICINE AND RADIOLOGY

Second internal Assessment for Final B.D.S

Regular batch march -2017

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Write in detail the principle and technique of short cone technique.
Compare adv and dis adv of short cone and long cone technique?
2. Define and classify osteomyelitis. Explain etiology, C/F, R/F and management of chronic osteomyelitis ?

Short Essay

8X5=40

3. Ludwigs angina?
4. Factors controlling X-ray beam?
5. Intensifying screens ?
6. Latent image ?
7. Radiation effects on oral soft tissues?
8. Topical corticosteroids in oral medicine ?
9. Amoxicillin ?
10. Radiation protection of personnel?

Add a note on:

5X2=10

11. Indications of mandibular crosssectional occlusal radiograph ?
12. TLD ?
13. Sunburst appearance ?
14. Xcp holder ?
15. Film speed?

DEPT OF ORAL MEDICINE AND RADIOLOGY

Third internal Assessment for Final B.D.S

Regular batch april -2017

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify red and white lesion. Discuss in detail about etiology , pathogenesis, clinical features, investigation and management of oral lichen planus?
2. Explain in detail principles of OPG. Add a note on indications, adv and dis adv of opg ?

Short Essay

8X5=40

3. Management of patient on haemophilia?
4. Burning mouth syndrome?
5. Post herpetic neuralgia ?
6. Cemento ossifying fibroma ?
7. Water view ?
8. Kaposi sarcoma ?
9. Investigations for viral hepatitis ?
- 10.Sialadenosis ?

Add a note on:

5X2=10

11. Chair side investigations for potentially malignant disorders ?
12. Syndroms associated with bells palsy?
- 13.Cotton wool appearance ?
- 14.Jug handle view ?
- 15.Define hamartomas. Give examples ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

first internal Assessment for Final B.D.S

odd batch april -2017

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Discuss the principle of radiation protection. Add a note on protection of radiation operators?
2. Discuss in detail the bisecting angle technique. Compare bisecting angle and paralleling technique ?

Short Essay

8X5=40

3. Enumerate the radiographic faults?
4. Factors controlling the production of X-ray?
5. Trigeminal neuralgia ?
6. R/F of ameloblastoma ?
7. Malignant melanoma ?
8. PA view ?
9. Oral manifestation HIV/AIDS ?
10. Production of X-rays ?

Add a note on:

5X2=10

11. IOPA film packet ?
12. Safe light ?
13. Eagles syndrome ?
14. Odontoma ?
15. Sturge weber syndrome ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

Second internal Assessment for Final B.D.S

odd batch april -2017

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify anemias. Write about pathogenesis, C/F, investigations and treatment for iron deficiency anemia?
2. Write about the radiographic appearance of multilocular radiolucencies seen in the jaws ?

Short Essay

8X5=40

3. Haemophilia ?
4. Nutritional deficiency anemias?
5. Mucocele ?
6. Bells palsy ?
7. Discuss about etiology and clinical features associated with oral cancer ?
8. Trigeminal neuralgia ?
9. MPDS ?
- 10.Oral manifestations of AIDS ?

Add a note on:

5X2=10

11. Schirmers test ?
12. sialolithiasis ?
- 13.Post herpetic neuralgia ?
- 14.Subluxation ?
- 15.Cylic neutropenia ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

Second internal Assessment for Final B.D.S

odd batch june / july -2017

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Discuss in detail about the etiology and management of mpds?
2. Discuss in detail about oral manifestations in AIDS ?

Short Essay

8X5=40

3. Dental considerations in haemophilic patients ?
4. Classify anemia and discuss about sickle cell anemia?
5. Mucocele and its management ?
6. Dental management in leukemic patients ?
7. Discuss about etiology and risk factors associated with oral cancer ?
8. Trigeminal neuralgia and its management ?
9. Write in detail about nutritional deficiency anemias and its management ?
10. Write about radiographic appearance of multilocular radiolucencies seen in the jaws ?

Add a note on:

5X2=10

11. Investigations in sjogrens syndrome ?
12. sialolithiasis ?
13. Post herpetic neuralgia ?
14. Subluxation ?
15. Cyclic neutropenia ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

first internal Assessment for Final B.D.S

regular batch 2017- 23/10/2017

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify cyst of oral cavity and write in detail pathogenesis radiographic features and treatment of OKC?
2. Classify vesiculobullous lesions. Write in detail, etiology , C/F, treatment and investigation of erythema multiforme ?

Short Essay

8X5=40

3. Composition of X-ray film?
4. Crohns disease ?
5. DLE ?
6. O/m of AIDS ?
7. O/M and dental considerations of DM ?
8. Factors controlling production of X-ray ?
9. Principle of optimization ?
10. X ray tube ?

Add a note on:

5X2=10

11. Line focus principle ?
12. Safe light ?
13. Café au lait spots ?
14. Nikolskys sign?
15. Sturge weber syndrome ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

III internal Assessment for Final B.D.S

odd batch april -2017- 23/10/17

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Enumerate fibroosseous lesions. Discuss etiology C/F, R/F and management of fibrous dysplasia?
2. Explain the working principles of OPG and give indications, adv and dis adv?

Short Essay

8X5=40

3. Leukoplakia – definition, C/F, management?
4. MPDS?
5. Primary herpetic gingivo stomatitis ?
6. Trigeminal neuralgia ?
7. Dental management of hemophilia ?
8. Erythema multiforme ?
9. Indications and technique of waters view ?
10. Effect of radiotherapy on oral mucosa ?

Add a note on:

5X2=10

11. R/F of cherubism ?
12. Carcinogens ?
13. Koebner's phenomenon ?
14. Cluster headache ?
15. Nikolsky's sign ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

second internal Assessment for Final B.D.S

regular batch 12/02/2018

Max Marks: 70

Time: 3hrs

Long Essay

10x2=20

1. Classify white lesions of oral mucosa. Write in detail about etiology C/F investigations and management of osmf ?
2. Define and classify anemia. Write in detail etiopathogenesis of iron deficiency anemia and its dental consideration?

Short Essay

8X5=40

3. TNM staging of oral cancer ?
4. C/F of intra scapular disorders of TMJ?
5. MPDS management ?
6. Burkitts lymphoma?
7. Indications and principles of OPG ?
8. Investigation and C/F of hemangioma ?
9. Measurement of pain ?
10. Sialographic appearance in normal and pathology ?

Add a note on: any five

5X2=10

11. Café au lait spots ?
12. Chediak- higashi syndrome ?
13. C/F of stomatitis nicotina ?
14. Hemophilia ?
15. C/F of trigeminal neuralgia ?
16. Cyclic neutropenia ?

DEPT OF ORAL MEDICINE AND RADIOLOGY

2nd internal Assessment

ODD BATCH JULY 2018

Max Marks: 70

Time: 2.5 hrs

Essay

10X2=20

1. Classify Fibro-osseous lesions. Write in detail Etiology, C/F, R/F and treatment of Fibrous Dysplasia.
2. Classify Vesiculobullous Lesion. Write in detail the Etiology, C/F, diagnosis and treatment for Pemphigoid.

Short Notes

5X8=40

1. Paget's Disease
2. AOT
3. Reverse Townes Projection
4. OKC
5. Oral manifestation of AIDS
6. Radiation Effects on oral Soft tissues
7. Digital Image Receptors
8. Erythema Multiforme

Add ANote

2X5=10

1. TNM Staging
2. Tennis racket Appearance
3. CD4 count
4. Jug handle View
5. Serum calcium

Department of Oral Medicine and Radiology

Second internal assessment for regular batch

Final year B.D.S

Date -3/2/2020

Long essay

10X2=20

1. Classify vesicullo bullous lesions. Write in detail about etiology, clinical features and management of Pemphigus.
2. Enumerate multilocular radiolucency of jaws , write in detail about central giant cell granuloma and odontogenic myxoma.

Write short notes on;

5X8=40

1. Pernicious anemia
2. Post herpetic neuralgia
3. Oral manifestation of diabetic mellitus
4. GERD
5. Dental management of patient with Oral anticoagulants
6. Disc derrangement
7. Treatment of Xerostomia
8. Indications, advantages and disadvantages of MRI

Add note on;

2X5=10

1. VAS
2. Rule of two
3. INR
4. Sialadonsis
5. Herpangina

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

IIIrd INTERNAL ASSESSMENT

IV B.D.S.REGULAR BATCH 2021

Max Marks- 70

Time-2 hrs

Essay Questions

2x10=20

1. Classify vesiculobullous lesions and write in detail etiology, clinical features, diagnosis, treatment for Erythema Multiforme
2. Write in detail about X-ray tube. Add a note on factors controlling the X-ray beam

Short Notes On

8x5=40

1. Trigeminal Neuralgia
2. OSMF
3. TNM Staging
4. Sialadenitis
5. Dental consideration in patients with anticoagulant
6. Reverse Town Projection
7. Disc Displacement
8. Cemento Ossifying Fibroma

Add a note on

5x2=10

1. Advantages and Disadvantages of OPG
2. Cotton Wool Appearance
3. Line Focus Principle
4. McCune –Albright Syndrome
5. Jug Handle View



CHILDREN'S EDUCATION SOCIETY (Regd.)

THE OXFORD DENTAL COLLEGE

(Recognized by the Govt. of Karnataka, Affiliated to Rajiv Gandhi University of Health Sciences,
Karnataka & Recognised by Dental Council of India, New Delhi)

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MDS

Course file

1. Vision and Mission of the Institution

OUR VISION

*Single window delivery of total oral health care needs
Total quality management in service and education
To train general, specialized and allied professional personnel to meet regional
and national oral health care services
Work to contribute to global oral health care knowledge and skills
To impart knowledge and interact with organizations of similar interests
Be efficient, effective, community acceptable in education service and research
Fostering global competencies inculcating value system among learners
Promote use of technology of relevance.*

'Excellence in education, oral healthcare, research and service to community.'

OUR MISSION

*Learner centered dental education
Patient centered service
Community oriented research
Strong community relationship
Serve the underserved
Meet the regional, national and global dental education needs
Inter organizational linkage
Strategic future-oriented planning
Excellence in knowledge, skills and service
Professionalism in management
Open organizational climate.*

2. Vision and Mission of the Department

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY



Vision

The vision of the department is to be nationally recognized center of excellence for patient care and services and exemplary education as well as research in orofacial diagnostic sciences.

Mission

The mission of is to advance the practice of medicine , improve patient care and promote scholarly activities . Central to this mission are the following :

- .To encourage and support the pursuit of high quality, leading-edge education and research.
- . To promote the dissemination of new knowledge in the management of oro-facial disorders.

3. Course Objectives and Course Outcomes

The postgraduate program comprises of:

- Conduct of seminars and journal clubs on a regular basis.
- Curriculum also includes documentation of case histories, case presentations, paper/poster presentations.
- Postgraduates are actively encouraged to conduct debates and adapt problem based pattern of modules.
- Periodic internal assessments are conducted for PGs for their theory as well as practical assessments.
- Based on their performance the advanced learners are encouraged to conduct more short studies, paper presentations, participate in table clinics quiz competitions, conducting undergraduate theory classes.
- Tiered assignments with shared content and themes are given to students. It gives all students a chance to share knowledge and ideas yet, at the same time, work at a level that is both academically challenging and comfortable. It also gives teachers the chance to teach more flexibly and to engage students' interests as well as meet their needs.
- Self evaluation is encouraged to understand students' strengths and weaknesses will helps them to improve in their areas of shortcomings and help others with their knowledge as well.
- These learning and teaching process have aided in academic excellence of not only advanced learners but also slow learners which is reflected in their performance.

Course objectives

MDS

OBJECTIVES:

The following objectives are laid out to achieve the goals of the course

A) KNOWLEDGE:

Discuss historical perspective to advancement in the subject proper and related topics.

- Describe etiology, pathogenesis, diagnosis and management of common periodontal diseases with emphasis on Indian population
- Familiarize with the biochemical, microbiologic and Immunologic genetic aspects of periodontal pathology
- Describe various preventive periodontal measures
- Describe various treatment modalities of periodontal disease from historical aspect to currently available ones
- Describe Interrelationship between periodontal disease and various systemic conditions
- Describe periodontal hazards due to estrogenic causes and deleterious habits and prevention of it
- Identify rarities in periodontal disease and environmental/Emotional determinates in a given case
- Recognize conditions that may be outside the area of his/her Speciality/ competence and refer them to an appropriate Specialist
- Decide regarding non-surgical or surgical management of the case
- Update the student by attending courses, conferences and seminars relevant to periodontics or by self-learning process.
- Plan out/ carry out research activity both basic and clinical aspects with the aim of publishing his/her work in scientific journals
- Reach to the public to motivate and educate regarding periodontal disease, its prevention and consequences if not treated
- Plan out epidemiological survey to assess prevalence and incidence of early onset periodontitis and adult periodontitis in Indian population (Region wise)
- Shall develop knowledge, skill in the science and practice of Oral Implantology
- Shall develop teaching skill in the field of Periodontology and Oral Implantology
- Principals of Surgery and Medical Emergencies.
- To sensitize students about inter disciplinary approach towards the soft tissues of the oral cavity with the help of specialist from other departments.

B) SKILLS:

- Take a proper clinical history, thorough examination of Intra oral, extra oral, medical history evaluation, advise essential diagnostic procedures and interpret them to come to a reasonable diagnosis
- Effective motivation and education regarding periodontal disease maintenance after the treatment
- Perform both non-surgical & education regarding periodontal disease, maintenance after the treatment
- Perform both non-surgical and surgical procedures independently
- Provide Basic Life Support Service (BLS) recognizes the need for advance life support and does the immediate need for that.
- Human values, ethical practice to communication abilities

Syllabus

Paper I: Applied Basic Sciences Applied Anatomy

1. Gross anatomy of the face:

- a. Muscles of Facial Expression and Muscles of Mastication
- b. Facial nerve
- c. Facial artery
- d. Facial vein
- e. Parotid gland and its relations

2. Neck region:

- a. Triangles of the neck with special reference to Carotid, Digastric triangles and midline structures
- b. Facial spaces
- c. Carotid system of arteries, Vertebral Artery, and Subclavian arteries
- d. Jugular system Internal
jugular External jugular
- e. Lymphatic drainage
- f. Cervical plane
- g. Muscles derived from Pharyngeal arches
- h. Infratemporal fossa in detail and temporomandibular joint
- i. Endocrine glands Pituitary
- j. Sympathetic chain
- k. Cranial nerves - V, VII, IX, XI, & XII

- Thyroid
- Parathyroid

I. Exocrine glands

- Parotid
- Thyroid
- Parathyroid

3. Oral Cavity:

- a. Vestibule and oral cavity proper b. Tongue and teeth c. Palate - soft and hard

4. Nasal Cavity

a. Nasal septum

b. Lateral wall of nasal cavity c. Paranasal sinuses

5. Pharynx:

Gross salient features of brain and spinal cord with references to attachment of cranial nerves to

the brainstem.

Detailed study of the cranial nerve nuclei of V, VII, IX, X, XI, XII
Osteology: Comparative study of fetal and adult skull
Mandible:

Development, ossification, age changes and evaluation of mandible in detail
Embryology

1. Development of face, palate, nasal septum and nasal cavity, paranasal sinuses
2. Pharyngeal apparatus in detail including the floor of the primitive pharynx
3. Development of tooth in detail and the age changes
4. Development of salivary glands
5. Congenital anomalies of face must be dealt in

detail.
Histology:

1. Study of epithelium of oral cavity and the respiratory tract
2. Connective tissue
3. Muscular tissue
4. Nervous tissue
5. Blood vessels
6. Cartilage
7. Bone and tooth
8. Tongue
9. Salivary glands
10. Tonsil, thymus, lymph nodes

Physiology:

1. General Physiology:
 - Cell
 - Body Fluid Compartments
 - Classification
 - Composition
 - Cellular transport
 - RMP and action potential
Muscle Nerve Physiology
2. Structure of a neuron and properties of nerve fibers
3. Structure of muscle fibers and properties of muscle fibers
4. Neuromuscular transmission
5. Mechanism of muscle

contraction
Blood:

2. RBC and Hb
3. WBC-Structure and functions
4. Platelets-functions and applied aspects
5. Plasma proteins
6. Blood Coagulation with applied aspects
7. Blood groups
8. Lymph and applied

aspects Respiratory System:

- Air passages, composition of air, dead space, mechanics of respiration with pressure and volume changes

#Lung volumes and capacities and applied aspects
#Oxygen and carbon dioxide transport

#Neural regulation of respiration

#Chemical regulation of respiration

#Hypoxia, effects of increased barometric pressure and decreased barometric pressure

- Cardio-Vascular System:
- Cardiac Cycle
- Regulation of heart rate/Stroke volume/cardiac output/blood flow
- Regulation of blood pressure
- Shock, hypertension, cardiac

failure Excretory system

- Renal function

tests Gastro-

intestinal tract:

- Composition, functions and regulation of:
- Saliva
- Gastric juice
- Pancreatic juice
- Bile and intestinal juice
- Mastication and deglutition

Endocrine system:

- Hormones-classification and mechanism of action
- Hypothalamic and pituitary hormones

- Thyroidhormones
- Parathyroidhormonesandcalciumhomeostasis
- Pancreatic hormones
- Adrenal

hormonesCentralNervous

System:

- Ascending tract with special references to pain

pathwaySpecialSenses:

- Gustation and

OlfactionBiochemistry

3. Carbohydrates-Disaccharides specifically maltose, lactose, sucrose

-Digestion of starch/absorption of glucose

-Metabolism of glucose, specifically glycolysis, TCA cycle, gluconeogenesis

-Blood sugar regulation

-Glycogen storage regulation

-Glycogen storage diseases

-Galactosemia and fructosemia

2. Lipids

- Fatty acids-Essential/nonessential

• Metabolism of fatty acids-oxidation, ketone body formation, utilization ketosis

• Outline of cholesterol metabolism-synthesis and products formed from cholesterol

3. Protein

-Amino acids-essential/nonessential, complete/incomplete proteins

- Transamination/Deamination(Definition with examples)

-Urea cycle

- Tyrosine-Hormone synthesized from tyrosine

-Inborn errors of amino acid metabolism

- Methionine and transmethylation

4. Nucleic Acids

- Purines/Pyrimidines Purine analogs in medicine

- DNA/RNA-Outline of structure

- Transcription/translation Steps of protein synthesis Inhibitors of protein synthesis Regulation

of gene function

5. Minerals

- Calcium/Phosphorus metabolism specifically regulation of serum calcium levels

-Ironmetabolism

- Iodinemetabolism

-Traceelementsinnutrition

6. EnergyMetabolism

- Basalmetabolicrate

- Specificdynamicaction(SDA)offoods

7. Vitamins

- Mainly these vitamins and their metabolic role- specifically vitamin A, Vitamin C, Vitamin D,

Thiamin,Riboflavin,Niacin,Pyridoxine

Pathology:

1. Inflammation:

- Repairandregeneration,necrosisandgangrene
- Roleofcomplementsysteminacuteinflammation
- Roleofarachidonicacidanditsmetabolitesinacuteinflammation
- Growthfactorsinacuteinflammation
- Roleofmoleculareventsincellgrowthandintercellularsignalingcellsurfacereceptors
- RoleofNSAIDSininflammation
- Cellularchanges inradiationinjuryand itsmanifestations

Homeostasis

- RoleofEndotheliumin thrombo-genesis
- Arterialandvenousthrombi
- DisseminatedIntravascularCoagulation

Shock

- Pathogenesis of hemorrhagic, neurogenic, septic, cardiogenic shock, circulatory disturbances,ischemichyperemia,venouscongestion,edema,infarction
- ChromosomalAbnormalities:

- Marfan'ssyndrome
- Ehler'sDanlosSyndrome
- FragileXSyndrome

Hypersensitivity:

- Anaphylaxis
- TypeIIHypersensitivity
- TypeIIIHypersensitivity
- CellmediatedReactionanditsclinicalimportance

- SystemicLupusErythmatosus
- Infectionandinfectivegranulomas

Neoplasia:

- ClassificationofTumors
- Carcinogenesis&Carcinogens-Chemical,ViralandMicrobial
- GradingandStagingpfCancer,tumorAngiogenesis,ParaneoplasticSyndrome
- Spreadoftumors
- Characteristicsofbenignandmalignanttumors

Others:

- Sexlinkedagamaglobulinemia
- AIDS
- ManagementofImmunodeficiencypatientsrequiringsurgicalprocedures
- DeGeorge'sSyndrome
- Ghonscomplex,postprimarypulmonarytuberculosis-pathologyandpathogenesis

Phamacology:

1.Definitionofterminologiesused

1. Dosageandmode ofadministrationofdrugs
2. Actionandfateofdrugsinthebody
3. Drugsactingon theCNS
4. Drugaddiction,toleranceandhypersensitivereactions
5. Generalandlocalanesthetics,hypnotics,analeptics,and&tranquilizers
6. Chemotherapeuticsandantibiotics
7. Analgesicsandanti-pyretics
8. Anti - tubercular and anti - syphilitic drugs
10. Antiseptics, sialogogues, and anti - sialogogues
11. Haematinics
12. Anti-diabetics
13. Vitamins-ABComplex,C,D,E,K
14. Steroids

4. Timetable – Master, Class & Teacher Topic Timetable

THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
Academic time table for 1st MDS

| Weekdays | 9: 00 am To 10:30 am | 10: 30am To 12:30 am | 12:30 pm To 1:00 pm | 1:00pm To 2:00 pm | 2:00 pm To 3:00 pm |
|------------------|---|--|---|---|-----------------------------------|
| Monday | 2 case presentations long case (CBL) and short cases | Case screening / chairside discussions/ radiographic practice | L U N C H B R E A K | Observations of laser excisional procedures | Short presentations |
| Tuesday | III year MDS seminar presentation | Case screening / chairside discussions/ radiographic practice | | Observation of excisional /incisional biopsies | Short presentations |
| Wednesday | III year MDS seminar / PBL | Case screening / chairside discussions/ radiographic practice | | Intra oral practice and tracing | Short presentations |
| Thursday | II and III year MDS journal club | Case screening / chairside discussions/ radiographic practice | | Age estimation | |
| Friday | II year MDS seminar | Case screening / chairside discussions/ radiographic practice | | | |

| | | | | | |
|------------------------|--|---|--|---|---|
| <p>Saturday</p> | <p>II and III year MDS journal club</p> | <p>Case screening / chairside discussions/ radiographic practice</p> | | <p>Group discussion</p> <p>-----</p> | <p>Short presentations</p> <p>Short presentations</p> |
|------------------------|--|---|--|---|---|

6. Teaching Methodologies

| Sl no | TOPIC | TEACHING METHODOLOGY |
|-------|----------------------------|--|
| 1. | Applied Anatomy & genetics | <ul style="list-style-type: none">• Theory• Videos |
| 2. | Applied Physiology | <ul style="list-style-type: none">• Theory• Observation |
| 3. | Applied Pathology | <ul style="list-style-type: none">• Theory• Observation• Pre-clinical training |
| 4. | Nutrition and Dietics | <ul style="list-style-type: none">• Theory• Discussion; case history & diagnosis• Clinical training; case history, diagnosis, treatment options & planning |

- Theory
- Discussion; case history & diagnosis
- Clinical training; case history, diagnosis, treatment options & planning

Learning Materials

- Health Education models
- Health Education charts
- Demonstrative models
- Flip charts
- Working models
- Computer software and Applications
- Flash Cards
- OHP projector
- Games and videos
- Smart Pen

Assignment

- Seminars
- Health Talk
- Charts
- Models
- Survey
- Powerpoints
- Essays

9. Study Material

ORAL MEDICINE AND RADIOLOGY

- a) Oral Diagnosis, Oral Medicine & Oral Pathology
 1. Burkit-Oral Medicine-J.B.Lippincott Company
 2. Coleman-Principles of Oral Diagnosis-McSby Year Book
 3. Jones-Oral Manifestations of Systemic Diseases-W.B.Saunders company
 4. Wood and Goaz-Differential diagnosis of Oral Lesions-Mosby Year Book
 5. Langlais-Oral Diagnosis/Oral Medicine and Treatment planning Lea & Febiger & Waverly Co.,
 6. Mitchell-Oral Diagnosis & Oral Medicine
 7. Pindburg-Syndromes of the Head & Neck
 8. Stones-Oral Diseases
 9. Irwin Walter Scopp-Oral Medicine
 10. Kerr-Oral Diagnosis
 11. Miller-Oral Diagnosis & Treatment
 12. Bennier-Differential diagnosis & Oral Lesions
 13. Munford-Orofacial pain
 14. Bell-Oral facial pain
 15. Tullmen-Systemic diseases in Dental Treatment
 16. Mean-Diseases of the Mouth
 17. Hutchinson-clinical Methods
 18. McCleods-Clinical Examination
 19. Chamberlin-Symptoms & Signs of Clinical Medicine
 20. Davidson-Principles and Practice of Medicine

21. Harrison-PrinciplesofInternsMedicine
22. Schweitner-OralRehabilitationproblemcases
23. Burkhardt-OralCancer
24. Dolby-OralMucosain Hearth&Diseases
25. Sonis.S.T,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
26. NallyF.F.andEggleston.D.J.-AManualofOralMedicine

27. Prabhu.S.R.etal-OralDiseasesin the Tropics
28. SamaranayakeL.Ret al-OralCandidosis

- b) OralRadiology

1. White&Goaz-OralRadiology -MosbyearBook
2. Weahrman-DentalRadiology-C.V.MosbyCompany
3. Stafne-OralRoentgenographicDiagnosis-W.B.SaundersCo.,
4. Langlairs-DiagnosticImagingoftheJaws-William& Wilkins
5. Smith-DentalRadiography-BlackwellScientificPublication
6. EricWhaites-essentialsofDentalRadiography-ChurchillLivingstone
7. Sonis.S.T.,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
8. MalamedS.F.-Book ofMedicalEmergenciesin theDental

9. Cawson.R.A.andScullyCM.-MedicalProblemsinDentistry
10. Pindborg.J.J.-Atlasofdiseasesoftheoral mucosa
11. LinchM.A.-ET'SOralMedicine,DiagnosisandTreatment

12. Dayal P.K.- Textbook of Oral Medicine

c) Forensic Odontology

1. Derek H. Clark- Practical Forensic Odontology- Wright

2. Cottone Standish- Outline of Forensic Dentistry

3. Whittaker- A colour atlas of Forensic Dentistry

JOURNALS:

The journals are best source of information for professionals to keep abreast with the recent developments and trends in their respective specialties. Considering the array of journals that are available today

the council requires that the institutions provide as a minimum requirement the list of journals mentioned below:

Pertaining to Dental education and practice.

1. Journal of Indian Dental Association
2. British Dental Journal
3. Journal of American Dental Association
4. Journal of Dentistry
5. Dental Clinics of North America
6. Journal of Dental Education
7. Dental Abstracts
8. Journal of Dental Research
9. Dental Index'
10. Quintessence International

11. InternationalDentalJournal
12. AustralianDentalJournal
13. Journalofdentalmaterials
14. Journalofaestheticdentistry
15. Journalofcleftpalate

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

LIST OF DEPARTMENT LIBRARY BOOKS

| Sl no | Book name | Edition /year | Author | Library number |
|--------------|---|---------------------------------|---|-----------------------|
| 1 | Fundamentals of dental radiology | 1 st edition 1992 | Vimal Sikri | 0751 |
| 2 | Manual of dental therapeutics | 1 st edition 1993 | Raymond F Zambito | 0648 |
| 3 | Immunology of oral diseases | 3 rd edition 1992 | Thomas lochner | 0314 |
| 4 | A guide to dental radiology | 4 th edition 1998 | Rita mason, Sarah Bourne | 1367 |
| 5 | Dental management of medically compromised patients | 4 th edition 1993 | James W Little | 1081 |
| 6 | Oral radiology Principles & interpretation | 4 th edition 1997 | White & Pharoah | 1497 |
| 7 | An atlas of dental radiographic anatomy | 4 th edition 1994 | Kasle | 0370 |
| 8 | A text book oral pathology | 4 th edition 1997 | Shafer Hine Levy | 1545 |
| 9 | Colour atlas of oral medicine | 2 nd edition 1994 | Wilham R Tyldesley | 1195 |
| 10 | Internal medicine for dentistry | 2 nd edition 1990 | Louis F Rose, Donald Kaye | 1092 |
| 11 | Atlas of dental & maxillofacial radiology | 1 st edition 1995 | Roger M Browne Hugh D | 1197 |
| 12 | Principles of dental imaging | 1 st edition 1997 | Olaf E Langland Robert P Langlais | 1488 |
| 13 | Oral medicine in practice | 1 st edition 1991 | P J Lamey | 1087 |
| 14 | Differential diagnosis of oral lesions | 4 th edition 1991 | Wood & Goaz | 0306 |
| 15 | Burkitt's Oral Medicine, Diagnosis & treatment | 9 th edition 1998 | Malcolm Lynch, Vernon J Brightman, Martin S Greenberg | 1458 |
| 16 | Diagnostic picture tests in oral medicine | 1 st edition | W R Tydesley | 1056 |
| 17 | Principles of oral diagnosis | | Garry C Coleman, John F Nelson | 0261 |

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|----|---|--------------------------|---|-------|
| 18 | Hand book of medical emergencies in dental office | 3 rd edition | Stanley M Malcolm | 0062 |
| 19 | Oral diseases in the tropics | | S R Prabhu, D F Wilson, D K Daftary | 1427 |
| 20 | Clinical medicine | 3 rd edition | Praveen Kumar. Micheal Clark | 1631 |
| 21 | Oral implantology | 3 rd edition | Andray Schroder, Franz suttes | 1421 |
| 22 | Essential immunology | 8 th edition | Iran Roitt | 0563 |
| 23 | Pathologic basis of diseases | | Robbins, Kumar | 1321 |
| 24 | Text book of microbiology | 5 th edition | Ananth Narayan | 1331 |
| 25 | Concise Medical Physiology | | Choudary | 1348 |
| 26 | Pathology & Surgery of salivary glands | | R A Cawson M J Gleeson | 01829 |
| 27 | Essentials of dental radiography & radiology | 3 rd edition | Eric Whaites | 02504 |
| 28 | Orofacial Pain | | Jeffrey P Okeson | 02505 |
| 29 | Burkitt's Oral Medicine, Diagnosis & treatment | 10 th edition | Greenberg, Glick | 02647 |
| 30 | Fundamentals of dental radiology | 2 nd edition | Vimal Sikri | 751 |
| 31 | A short textbook of oral radiology | | C.Anand Kumar | 03253 |
| 32 | Medical problems in dentistry | 5 th edition | Crispian Scully | 03249 |
| 33 | Cellular & molecular immunology | 5 th edition | Abdul .K.Abbas, Andrew.H.Lichtman | 3104 |
| 34 | Oral radiology principles & interpretation | 5 th edition | White & Pharoah | 02796 |
| 35 | Immunization digest | | A. Parthasarathy, M.R.Lokeshwar, Nitin Shah | 3144 |
| 36 | Oral & maxillofacial Infections | 4 th edition | Topazian Goldaberg | 3203 |
| 37 | Contemporary oral and maxillofacial pathology | 2 nd edition | Phillip Sapp & Eversole | |
| 38 | Infection control management of hazardous materials for the dental team | 3 rd edition | Chris.H.Miller, Charles John, Palenik | 3101 |
| 39 | Burket's oral medicine diagnosis & treatment | 10 th edition | Greenberg ,Glick | 3020 |

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|----|--|--------------------------|--|-------|
| 40 | Textbook of oral medicine | | Anil govind rao ghom | 3129 |
| 41 | Dental management of the medically compromised patient | 6 th edition | James.W.Little | 3176 |
| 42 | Davidson's principles & practice of medicine | 19 th edition | Christopher haslelt ,John Hunter | 3033 |
| 43 | Monheim's local anesthesia & pain control in dental practice | 7 th edition | C.Richard Bennett | 3064 |
| 44 | Clinical virology in oral medicine & dentistry | | Crispian Scully &Lakshman Samaranayake | 00243 |
| 45 | Human anatomy | 4 th edition | B.D.Chaurasias | 03042 |
| 46 | Short practice of surgery | 24 th edition | Bailey & Love's | 2987 |
| 47 | Human embryology | 6 th edition | Inderbir Singh | 1678 |
| 48 | Pharmacology & pharmacotherapeutics | 19 th edition | R.S.Satoskar | 02957 |
| 49 | Oral & maxillofacial medicine | | Crispian Scully | 3510 |
| 50 | Differential diagnosis of diseases of oral mucosa | | Bengal Liveltmen/ Leovy | 03401 |
| 51 | Text book of Biochemistry | 22 nd edition | Harper | 00332 |
| 52 | Colour atlas of common oral diseases | 3 rd edition | Robert P Langlais | 3445 |
| 53 | Differential diagnosis of oral & maxillofacial lesion | | Wood & Goaz | 3514 |
| 54 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 03814 |
| 55 | Oral pathology clinic pathologic correlation | 5 th edition | Reqezi, Sembar | 4098 |
| 56 | Clinical examination | 11 th edition | Macleodi | 4168 |
| 57 | Oral diagnosis, oral medicine & treatment planning | 2 nd edition | Bricker | 4046 |
| 58 | Management of TMJ disorder & occlusion | 6 th edition | Jeffrey Okeson | 4195 |
| 59 | Chesney's radiographic imaging | 6 th edition | John Ball , TonyPrice | 4188 |
| 60 | Burkett's oral medicine | 11 th edition | Greenberg | 4185 |
| 61 | Burkett's oral medicine | 11 th edition | Greenberg | 4184 |

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| 62 | Hutchison's clinical method | 22 nd edition | Michael Swash | 4157 |
| 63 | CMDT 2008 | | Stephen.J.Mephee | 4175 |
| 64 | Shafer's textbook of oral pathology | 5 th edition | R.Rajendran | 4164 |
| 65 | Essential pathology for dental students | 3 rd edition | Harshmohan | 4100 |
| 66 | Essentials of dental radiography & radiology | 4 th edition | Eriq Whaites | 4093 |
| 67 | Technique of neurological examination | 5 th edition | William.E dedlyer | 4174 |
| 68 | Manual on clinical surgery | 6 th edition | S.Das | 4156 |
| 69 | Tencates oral histology | 7 th edition | Antonia Nanci | 4155 |
| 70 | Colour atlas of dental medicine and radiology | | Friedrich Pasler | 3483 |
| 71 | Dental radiography principles & technique | 3 rd edition | Harings Laura | 4189 |
| 72 | Colour atlas of oral diseases | 3 rd edition | George Laskeris | 4047 |
| 73 | Principles of anatomy & physiology | 11 th edition | Tor-Tora | 4170 |
| 74 | Clarkes positioning in radiography | 12 th edition | Stewart Whitley | 4162 |
| 75 | TMJ & Craniofacial pain | Millenium edition | James Friction | 4092 |
| 76 | Fundamentals of physiotherapy | | Praveen Kumar | 4158 |
| 77 | Degruchis clinical haematology in clinical practice | 5 th edition | Frank Firkin | 4159 |
| 78 | Clinical outline of oral pathology, diagnosis & treatment | 3 rd edition | Eversole | 4193 |
| 79 | Pathophysiology of diseases | 5 th edition | Stephen & Ganong | 4161 |
| 80 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4165 |
| 81 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4166 |

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|-----|--|--------------------------|--|--------|
| 82 | Essentials of pharmacology for dentistry | 1 st edition | K.D.Tripathi | 4101 |
| 83 | Stedman's of medical dentistry | 28 th edition | Stedman | 4167 |
| 84 | Oral maxillofacial pathology | 2 nd edition | Nevelle | 3376 |
| 85 | Oral development & histology | 3 rd edition | James. K.Avery | 004200 |
| 86 | Essentials of microbiology for dental students | | J.Bagg, A.J.Smith | 004199 |
| 87 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004279 |
| 88 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004280 |
| 89 | Malignant tumors of the mouth, jaws & salivary gland | | J.D.Langdon, J.M.Henk | 004281 |
| 90 | Essentials of oral medicine | | Eversole, Silverman | |
| 91 | Brief atlas of skeleton surface anatomy | | Gerard.J.Toratora | 004171 |
| 92 | Pathologic basis of diseases | 7 th edition | Robbins & cotran | 3202 |
| 93 | Clinical periodontology | 10 th edition | Carranza | 4386 |
| 94 | Oral radiology principles & interpretation | 6 th edition | Stuart .C.White, Michael. J. Pharoah | 4391 |
| 95 | Concise medical physiology | 6 th edition | Sujit.K.Chaudari | 4624 |
| 96 | Orofacial pain & headache | | Yairsharon,Rafeal Benoliel | 4763 |
| 97 | Clinical oral physiology | | Timothy S. Miles,Birgetl Naentofle, Pelir Svensson | 4830 |
| 98 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 004930 |
| 99 | Textbook of oral pathology | 6 th edition | Shafer's | 5172 |
| 100 | Essential microbiology for dentistry | 3 rd edition | Laxman samaranayake | 5148 |

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| 101 | Oral diseases & disorders(differential diagnosis) | | S.R.Prabhu | 5188 |
| 102 | Clinical manual for oral medicine & radiology | | Praveen B.N. | 5185 |
| 103 | Oral medicine | | Sateesh chandra, Shaleen Chandra | 5182 |
| 104 | Radiography and radiology for dental care professionals | 2 nd edition | Eriq whaites | 5177 |
| 105 | Advances in pain research & therapy (vol- 21) | | James.R.Fricton | 5147 |
| 106 | Head & neck cancer(emerging perspective) | | John.E.Ensely | 5135 |
| 107 | Managing orofacial pain in practice | | Eamonn Merphy | 5055 |
| 108 | TMD's an evidence based approach to diagnosis & treatment | | Laskin | 5043 |
| 109 | Oral pathology & oral medicine | 8 th edition | Cowson's odell | 5312 |
| 110 | Medical emergencies in the dental office | 6 th edition | Malamed | 5434 |
| 111 | Principles of dental imaging | 2 nd edition | Olat E. Langland Robert B. Langlais | 3153 |
| 112 | Orofacial pain- from basic science to clinical management | 2 nd ed. | Barry J. Sessle Giller J. Lavigne , James , Ronald | 5508 |
| 113 | Oral and maxillofacial medicine | 2 nd ed. | Crispan scally | 5511 |
| 114 | Tyldesley's Oral Medicine | 5 th ed. | Anne field & Lesley longman | 5666 |
| 115 | Atlas of diseases of oral mucosa | 5 th ed. | J.J.pindborg | 5672 |
| 116 | Nutrition & oral medicine | | Riva tovger, David A. Sirois, Connie C. Motley | 5664 |
| 117 | Exercises in oral radiology & interpretation | | Robert P. Langlais | 5669 |
| 118 | Contemporary oral & maxillofacial pathology | 2 nd ed. 27 | J Phillip Sapp Lewis R Eversole | 5917 |

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|-----|--|-------------------------|---|-------|
| 119 | Sjogren's syndrome, rheumatic disease clinics of north america | | Steven E Carsons | 6042 |
| 120 | Dental management of medically compromised patient | 7 th ed. | Little & F alace | 5965 |
| 121 | Interventional head & neck imaging-neuroimaging clinics | | Suresh K. Mukherji | 6045 |
| 122 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6046 |
| 123 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6067 |
| 124 | Cancer- head & neck | 4 th ed. | Eugene Myer's James Y. Suen | 5918 |
| 125 | Odontogenic tumors & allied lesion | | Peter A. Reichart Hans P.phillipsen | 5802 |
| 126 | Oral cancer | | Robert A.Ord Remy H. Blanchaert | 6115 |
| 127 | Color atlas of oral manifestation of AIDS | 2 nd ed. | Sol Siverman jr. | 6095 |
| 128 | Antibiotic & antimicrobial used in dental practice | 2 nd ed. | Micheal G. Newman Arie J. Van Winkle , | 5801 |
| 129 | 21 st century imaging | | Keith horner Nicholas, david brette | 5800 |
| 130 | Clinical problem solving in dentistry | | Edward W. Odell | 5110 |
| | <u>COMPLIMENTARY COPIES</u> | | | |
| 1. | Atlas of oral diagnostic imaging | | Tomomitsu Higashi | 03252 |
| 2. | Principles of practical oral medicine | | Pramodh John | |
| 3. | Diagnostic procedures in dentistry | 1 st edition | Pramod K Dayal | 3254 |
| 4. | The essentials of periodontology | | H.P.Mueller | |
| 5. | Text book of clinical Medicine for dental students | 28 | Dr S N Chugh | 03255 |

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|----|---|-------------------------|---------------------------------|--------|
| 6. | Oral Radiology Principles & Interpretation | 5 th edition | White & Pharoah | 003220 |
| 7. | Fundamentals of dental radiology | 3 rd edition | Vimal.K.Sikri | 3330 |
| 8. | Color atlas of oral medicine | | Gopal Krishan B.R | |
| 9. | Essentials of oral medicine | | Gopal Krishan B.R | |
| 10 | Pocket atlas of oral diseases | 2 nd edition | G.Laskaris | |
| 11 | Oral medicine oral diagnosis and oral radiology | | Ravikiran Ongole | |
| 12 | Anatomy of the head & neck for dental & medical students | 2 nd edition | A. Halim | |
| 13 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 14 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 15 | Textbook of oral medicine & oral diagnosis & oral radiology | | Ravikiran ongole, Praveen B.N | |
| 16 | Textbook of dental radiology | 2 nd edition | Pramod John.R. | |
| 17 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 18 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 19 | Periodontology the essentials | | H.P.Mueller | |
| 20 | Textbook of oral radiology | | Anil Ghom | |
| 21 | Medical law for the dental surgeon | | George Paul | |
| 22 | Radiography for technicians | | L.C.Gupta | |
| 23 | Medicine for dental students | | R.Alagappan | |
| 24 | Infection control in dental practice | | Anil,Samarnayak | |
| 25 | Text book of pedodontics | 2 nd edition | Shobha Tandon | |
| 26 | Differential diagnosis of oral and maxillofacial lesions | | Wood & Goaz | 03250 |

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|-----|---|-------------------------|------------------------------|--|
| 27 | A clinical atlas of oral diseases | | A.P.Bhatt | |
| 28 | Dental anatomy and physiology | 7 th edition | Wheeler | |
| 29 | Diagnostic oral medicine | | BK Venkatraman | |
| | <u>XEROX BOOKS (COPIES)</u> | | | |
| 1. | Panoramic radiology | 2 nd edition | Langland & Langlais | |
| 2. | Maxillofacial imaging | | Delbalso | |
| 3. | Surgical pathology of the salivary glands Vol 25 | | Gary.L.Ellis, Paul L.Auctair | |
| 4. | Maxillofacial imaging | | Angelo.M.Delbalso | |
| 5. | Diagnostic imaging of jaws | | Langlais ,Langland | |
| 6. | Principles and practice of oral radiologic interpretation | | M. Worth | |
| 7. | Oral medicine diagnosis & treatment | 8 th edition | Burkett's | |
| 8. | Panoramic radiology | 1st edition | Langland & Langlais | |
| 9. | Physics of diagnostic radiology | 4 th edition | Christenson | |
| 10. | Diseases of oral; mucosa | 2 nd ed. | Mc Carthy | |
| 11. | Clinical oral medicine | | J J Gayford | |

National

1. Indian journal of dental research.
2. Journal of pearl dent.
3. Guident
4. world journal of dentistry
5. medicolegal update
6. journal of pierre fauchard academy
7. Indian journal of dental education
8. journal of international oral health
9. The open dentistry journal
10. Indian dentist research and review
11. Indian journal of stomatology
12. Journal Indian academy
13. Journal advanced dental research
14. Journal of dental science and research
15. Indian journal of dental advancement
16. natl medical journal India

International

1. libyan journal medicine
2. Journal of investigative and clinical dentistry
3. acta stomatologic Croatia (ASCRO)
4. International journal of contemporary dentistry
5. International journal of research in ayurveda and pharmacy
6. Dentistry international
7. Journal of Nepal dental association
8. HongKong dental journal

9. Journal of clinical oral investigation
10. Journal of oral and maxillofacial surgery, medicine and pathology
11. Oral science international
12. Japanese dental science review
13. Journal of medical case reports
14. inaman red crescent medical journal
15. Malaysian journal medical science
16. Rev Bras otolaryngology
17. World dental journal
18. International journal of dental case reports
19. J. Rev clinical pesq odontol
20. Dental tribune
21. International journal of clinical dental science
22. Dental research journal
23. journal of minim interv dentistry
24. journal clinical and diagnostic research
25. journal of croat med
26. international of journal of pharma and bio science
27. arch oncol
28. Arch Environ contam toxicol
29. academy of general dentistry
30. Minerva stomatologica
31. international journal of odonto stomatology
32. new York state dental journal
33. Asian Pacific Journal of Cancer Prevention
34. Jeur Acad Dermatol venereal
35. Acta Medica

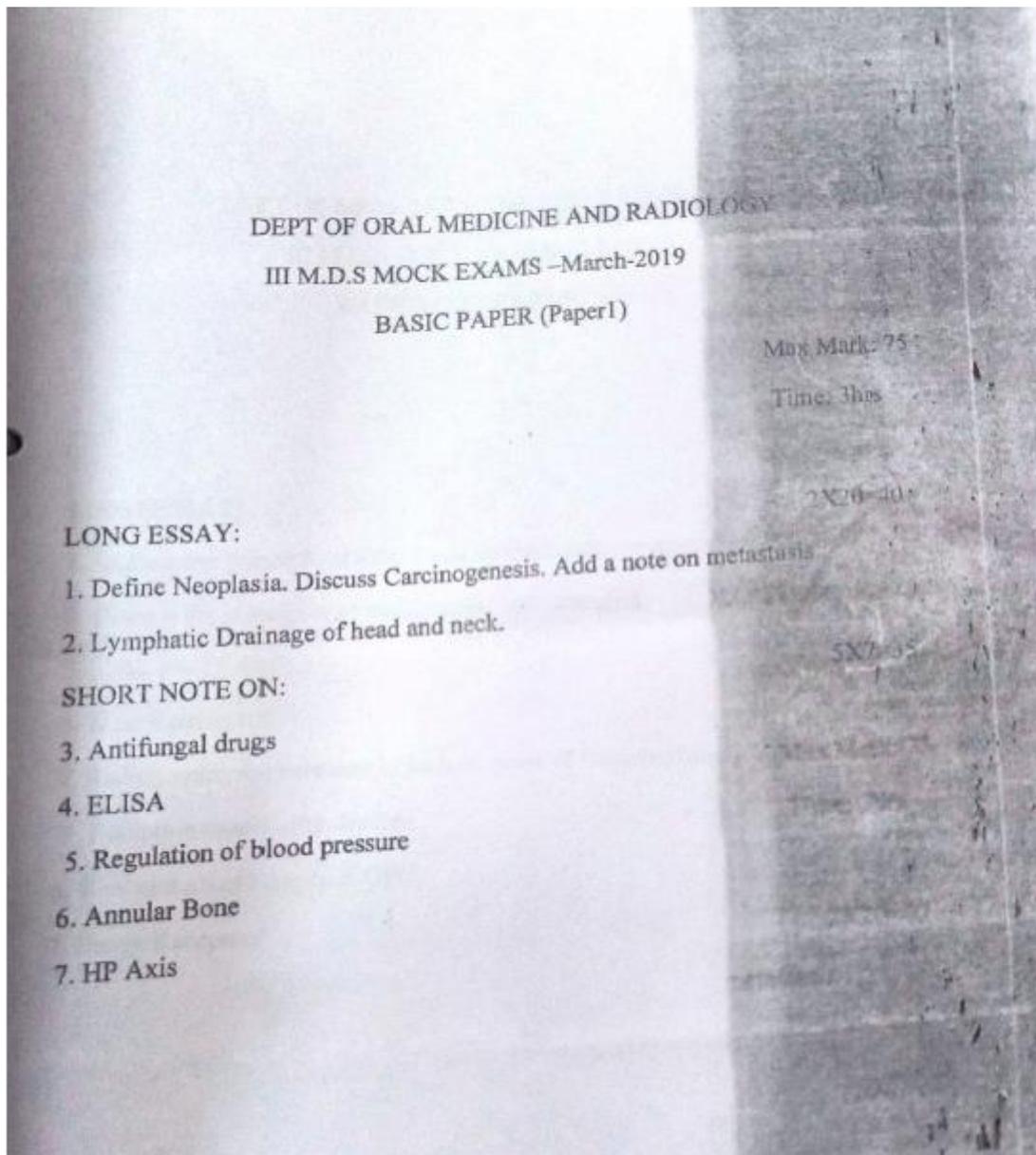
36. Clin Oral Invest

37. Arch Dermatol

38. Journal of pharmacy research

39. Acta odontol Scand

9. Internal Assessment Question paper & Scheme



1. Vision and Mission of the Institution

OUR VISION

Single window delivery of total oral health care needs
Total quality management in service and education
To train general, specialized and allied professional personnel to meet regional and national oral health care services
Work to contribute to global oral health care knowledge and skills
To impart knowledge and interact with organizations of similar interests
Be efficient, effective, community acceptable in education service and research
Fostering global competencies inculcating value system among learners
Promote use of technology of relevance.

'Excellence in education, oral healthcare, research and service to community.'

OUR MISSION

Learner centered dental education
Patient centered service
Community oriented research
Strong community relationship
Serve the underserved
Meet the regional, national and global dental education needs
Inter organizational linkage
Strategic future-oriented planning
Excellence in knowledge, skills and service
Professionalism in management
Open organizational climate.

2. Vision and Mission of the Department

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY



Vision

The vision of the department is to be nationally recognized center of excellence for patient care and services and exemplary education as well as research in orofacial diagnostic sciences.

Mission

The mission of is to advance the practice of medicine , improve patient care and promote scholarly activities . Central to this mission are the following :

- .To encourage and support the pursuit of high quality, leading-edge education and research.
- . To promote the dissemination of new knowledge in the management of oro-facial disorders.

3. Course Objectives and Course Outcomes

The postgraduate program comprises of:

- Conduct of seminars and journal clubs on a regular basis.
- Curriculum also includes documentation of case histories, case presentations, paper/poster presentations.
- Postgraduates are actively encouraged to conduct debates and adapt problem based pattern of modules.
- Periodic internal assessments are conducted for PGs for their theory as well as practical assessments.
- Based on their performance the advanced learners are encouraged to conduct more short studies, paper presentations, participate in table clinics quiz competitions, conducting undergraduate theory classes.
- Tiered assignments with shared content and themes are given to students. It gives all students a chance to share knowledge and ideas yet, at the same time, work at a level that is both academically challenging and comfortable. It also gives teachers the chance to teach more flexibly and to engage students' interests as well as meet their needs.
- Self evaluation is encouraged to understand students' strengths and weaknesses will helps them to improve in their areas of shortcomings and help others with their knowledge as well.
- These learning and teaching process have aided in academic excellence of not only advanced learners but also slow learners which is reflected in their performance.

Course objectives

OBJECTIVES:

The following objectives are laid out to achieve the goals of the course

A) KNOWLEDGE:

Discuss historical perspective to advancement in the subject proper and related topics.

- Describe etiology, pathogenesis, diagnosis and management of common periodontal diseases with emphasis on Indian population
- Familiarize with the biochemical, microbiologic and Immunologic genetic aspects of periodontal pathology
- Describe various preventive periodontal measures
- Describe various treatment modalities of periodontal disease from historical aspect to currently available ones
- Describe interrelationship between periodontal disease and various systemic conditions
- Describe periodontal hazards due to estrogenic causes and deleterious habits and prevention of it
- Identify rarities in periodontal disease and environmental/Emotional determinates in a given case
- Recognize conditions that may be outside the area of his/her Speciality/ competence and refer them to an appropriate Specialist
- Decide regarding non-surgical or surgical management of the case
- Update the student by attending courses, conferences and seminars relevant to periodontics or by self-learning process.
- Plan out/ carry out research activity both basic and clinical aspects with the aim of publishing his/her work in scientific journals
- Reach to the public to motivate and educate regarding periodontal disease, its prevention and consequences if not treated
- Plan out epidemiological survey to assess prevalence and incidence of early onset periodontitis and adult periodontitis in Indian population (Region wise)
- Shall develop knowledge, skill in the science and practice of Oral Implantology
- Shall develop teaching skill in the field of Periodontology and Oral Implantology
- Principals of Surgery and Medical Emergencies.
- To sensitize students about inter disciplinary approach towards the soft tissues of the oral cavity with the help of specialist from other departments.

B) SKILLS:

- Take a proper clinical history, thorough examination of Intra oral, extra oral, medical history evaluation, advice essential diagnostic procedures and interpret them to come to a reasonable diagnosis
- Effective motivation and education regarding periodontal disease maintenance after the treatment
- Perform both non-surgical & education regarding periodontal disease, maintenance after the treatment
- Perform both non-surgical and surgical procedures independently
- Provide Basic Life Support Service (BLS) recognizes the need for advance life support and does the immediate need for that.
- Human values, ethical practice to communication abilities

Syllabus

Paper II: Oral and Maxillofacial Radiology

Study includes Seminars/lectures/Demonstrations

1. History of radiology, structure of x-ray tube, production of x-ray, property of x-rays
2. Biological effects of radiation
3. Filtration of collimation, grids and units of radiation
4. Films and recording media
5. Processing of image in radiology
6. Design of x-ray department, darkroom and use of automatic processing units
7. Localization by radiographic techniques
8. Faults of dental radiographs and concept of ideal radiograph
9. Quality assurance and audit in dental radiology
10. Extra-oral imaging techniques
11. OPG and other radiologic techniques
12. Advanced imaging techniques like CT scan, MRI, Ultrasound & thermographic
13. Radionuclide techniques
14. Contrast radiography in salivary gland, TMJ, and other radiolucent pathologies
15. Radiation protection and ICRP guidelines
16. Art of radiographic report, writing and descriptors preferred in reports
17. Radiograph differential diagnosis of radiolucent, radioopaque and mixed lesions
18. Digital radiology and its various types of advantages

Paper III: Oral Medicine, therapeutics and laboratory investigations

1. Study includes seminars/lectures/discussion
2. Methods of clinical diagnosis of oral and systemic diseases as applicable to oral tissue including modern diagnostic techniques
3. Laboratory investigations including special investigations of oral and oro-facial diseases
4. Teeth in local and systemic diseases, congenital, and hereditary disorders

5. Oral manifestations of systemic diseases
6. Oro-facial pain
7. Psychosomatic aspects of oral diseases
8. Management of medically compromised patients including medical emergencies in the dental chair
9. Congenital and Hereditary disorders involving tissues of the oro-facial region
10. Systemic diseases due to oral foci of infection
11. Hematological, Dermatological, Metabolic, Nutritional, & Endocrinal conditions with oral manifestations
12. Neuromuscular diseases affecting the oro-facial region
13. Salivary gland disorders
14. Tongue in oral and systemic diseases
15. TMJ dysfunction and diseases
16. Concept of immunity as related to oro-facial lesions, including AIDS
17. Cysts, Neoplasms, Odontomes, and fibro - osseous lesions
18. Oral changes in Osteo - dystrophies and chondro - dystrophies
19. Pre malignant and malignant lesions of the oro-facial region
20. Allergy and other miscellaneous conditions
21. Therapeutics in oral medicine - clinical pharmacology
22. Forensic odontology
23. Computers in oral diagnosis and imaging
24. Evidence based oral care in treatment planning

Essential Knowledge

Basic medical subjects, Oral Medicine, Clinical Dentistry, Management of Medical Emergencies, Oral Radiology, Techniques and Inter-Operation, Diagnosis of Oro-facial Disorders

Procedural and Operative Skills:

(The numbers mentioned are minimum to be performed by each candidate)

1st Year

Observe, Assist, & Perform under supervision

1. Examination of Patient -Case history recordings -50

-FNAC&Biopsy -5 each

Observe, Assist, & Perform under supervision

2. Intra-oral radiograph
Perform and interpret -100

2nd year

1. Dental treatment to medically compromised patients

- Observe, assist, and perform under supervision

2. Extra-oral radiographs, digital radiography -25

- Observe, assist and perform under supervision

Operative skills:

1. Giving intra-muscular and intravenous injections

2. Administration of oxygen and lifesaving drugs to the patients

3. Performing basic CPR and certification by Red Cross

3rd Year

All the above

Performed independently - Case history: Routine cases -25 Interesting Cases-

25 Intra-oral Radiographs -100

Periapical view -50

Bitewing view -25

- Occlusal view -25

Extra-oral radiographs of different views -50 Monitoring Learning Progress

It is essential to monitor the learning progress to each candidate through continuous appraisal and regular assessment. It not only helps teachers to evaluate students, but also students to evaluate themselves. The monitoring to be done by the staff of the department based on participation of students in various teaching / learning activities. It may be structured and assessment be done using checklists that assess various aspects.

4. Timetable – Master, Class & Teacher Topic Timetable

**THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY**

Academic time table for 2nd MDS

| Weekdays | 9: 00 am To 10:30 am | 10: 30am To 12:30 am | 12:30 pm To 1:00 pm | 1:00pm To 2:00 pm | 2:00 pm To 3:00 pm |
|------------------|---|--|---|---|-----------------------------------|
| Monday | 2 case presentations long case (CBL) and short case | Case screening / chairside discussions/ radiographic practice | L U N C H B R E A K | Laser excisions of mucosal lesions | Short presentations |
| Tuesday | III year MDS seminar presentation | Case screening / chairside discussions/ radiographic practice | | Excisional /incisional biopsies | Short presentations |
| Wednesday | III year MDS seminar / PBL | Case screening / chairside discussions/ radiographic practice | | Extra Oral practice and tracing | |
| Thursday | II and III year MDS journal club | Case screening / chairside discussions/ radiographic practice | | Age estimation | Short presentations |
| Friday | II year MDS seminar | Case screening / chairside discussions/ radiographic practice | | | |
| Saturday | II and III year MDS journal club | Case screening / chairside discussions/ | | | Short presentations |

| | | | | | |
|--|--|----------------------------------|--|--|--------------------------------|
| | | radiographic practice | | Group discussion ----- | Short presentations |
|--|--|----------------------------------|--|--|--------------------------------|

6. Teaching Methodologies

- Theory
- Discussion; case history & diagnosis
- Clinical training; case history, diagnosis, treatment options & planning

Learning Materials

- Health Education models
- Health Education charts
- Demonstrative models
- Flip charts
- Working models
- Computer software and Applications
- Flash Cards
- OHP projector
- Games and videos
- Smart Pen

Assignment

- Seminars
- Health Talk
- Charts
- Models
- Survey
- Powerpoints
- Essays

9. Study Material

ORAL MEDICINE AND RADIOLOGY

- a) Oral Diagnosis, Oral Medicine & Oral Pathology
- 1. Burkit-Oral Medicine-J.B.Lippincott Company
- 2. Coleman-Principles of Oral Diagnosis-McSby Year Book
- 3. Jones-Oral Manifestations of Systemic Diseases-W.B.Saunders company
- 4. Wood and Goaz-Differential diagnosis of Oral Lesions-Mosby Year Book
- 5. Langlais-Oral Diagnosis/Oral Medicine and Treatment planning Lea & Febiger & Waverly Co.,
- 6. Mitchell-Oral Diagnosis & Oral Medicine
- 7. Pindburg-Syndromes of the Head & Neck
- 8. Stones-Oral Diseases
- 9. Irwin Walter Scopp-Oral Medicine
- 10. Kerr-Oral Diagnosis
- 11. Miller-Oral Diagnosis & Treatment
- 12. Bennier-Differential diagnosis & Oral Lesions
- 13. Munford-Oral facial pain
- 14. Bell-Oral facial pain
- 15. Tullmen-Systemic diseases in Dental Treatment
- 16. Mean-Diseases of the Mouth
- 17. Hutchinson-clinical Methods
- 18. McCleods-Clinical Examination
- 19. Chamberlin-Symptoms & Signs of Clinical Medicine
- 20. Davidson-Principles and Practice of Medicine

21. Harrison-PrinciplesofInternsMedicine
22. Schweitner-OralRehabilitationproblemcases
23. Burkhardt-OralCancer
24. Dolby-OralMucosain Hearth&Diseases
25. Sonis.S.T,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
26. NallyF.F.andEggleston.D.J.-AManualofOralMedicine

27. Prabhu.S.R.etal-OralDiseasesin the Tropics
28. SamaranayakeL.Ret al-OralCandidosis

- b) OralRadiology

1. White&Goaz-OralRadiology -MosbyearBook
2. Weahrman-DentalRadiology-C.V.MosbyCompany
3. Stafne-OralRoentgenographicDiagnosis-W.B.SaundersCo.,
4. Langlairs-DiagnosticImagingoftheJaws-William& Wilkins
5. Smith-DentalRadiography-BlackwellScientificPublication
6. EricWhaites-essentialsofDentalRadiography-ChurchillLivingstone
7. Sonis.S.T.,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
8. MalamedS.F.-Book ofMedicalEmergenciesin theDental

9. Cawson.R.A.andScullyCM.-MedicalProblemsinDentistry
10. Pindborg.J.J.-Atlasofdiseasesoftheoral mucosa
11. LinchM.A.-ET'SOralMedicine,DiagnosisandTreatment

12. Dayal P.K.- Textbook of Oral Medicine

c) Forensic Odontology

1. Derek H. Clark- Practical Forensic Odontology- Wright

2. Cottone Standish- Outline of Forensic Dentistry

3. Whittaker- A colour atlas of Forensic Dentistry

JOURNALS:

The journals are best source of information for professionals to keep abreast with the recent developments and trends in their respective specialties. Considering the array of journals that are available today

the council requires that the institutions provide as a minimum requirement the list of journals mentioned below:

Pertaining to Dental education and practice.

1. Journal of Indian Dental Association
2. British Dental Journal
3. Journal of American Dental Association
4. Journal of Dentistry
5. Dental Clinics of North America
6. Journal of Dental Education
7. Dental Abstracts
8. Journal of Dental Research
9. Dental Index'
10. Quintessence International

11. InternationalDentalJournal
12. AustralianDentalJournal
13. Journalofdentalmaterials
14. Journalofaestheticdentistry
15. Journalofcleftpalate

THE OXFORD DENTAL COLLEGE AND HOSPITAL

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

LIST OF DEPARTMENT LIBRARY BOOKS

| Sl no | Book name | Edition /year | Author | Library number |
|--------------|---|---------------------------------|---|---------------------------|
| 1 | Fundamentals of dental radiology | 1 st edition 1992 | Vimal Sikri | 0751 |
| 2 | Manual of dental therapeutics | 1 st edition 1993 | Raymond F Zambito | 0648 |
| 3 | Immunology of oral diseases | 3 rd edition 1992 | Thomas lochner | 0314 |
| 4 | A guide to dental radiology | 4 th edition 1998 | Rita mason, Sarah Bourne | 1367 |
| 5 | Dental management of medically compromised patients | 4 th edition 1993 | James W Little | 1081 |
| 6 | Oral radiology Principles & interpretation | 4 th edition 1997 | White & Pharoah | 1497 |
| 7 | An atlas of dental radiographic anatomy | 4 th edition 1994 | Kasle | 0370 |
| 8 | A text book oral pathology | 4 th edition 1997 | Shafer Hine Levy | 1545 |
| 9 | Colour atlas of oral medicine | 2 nd edition 1994 | Wilham R Tyldesley | 1195 |
| 10 | Internal medicine for dentistry | 2 nd edition 1990 | Louis F Rose, Donald Kaye | 1092 |
| 11 | Atlas of dental & maxillofacial radiology | 1 st edition 1995 | Roger M Browne Hugh D | 1197 |
| 12 | Principles of dental imaging | 1 st edition 1997 | Olaf E Langland Robert P Langlais | 1488 |
| 13 | Oral medicine in practice | 1 st edition 1991 | P J Lamey | 1087 |
| 14 | Differential diagnosis of oral lesions | 4 th edition 1991 | Wood & Goaz | 0306 |
| 15 | Burkitt's Oral Medicine, Diagnosis & treatment | 9 th edition 1998 | Malcolm Lynch, Vernon J Brightman, Martin S Greenberg | 1458 |
| 16 | Diagnostic picture tests in oral medicine | 1 st edition 18 | W R Tydesley | 1056 |

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|----|---|--------------------------|--|-------|
| 17 | Principles of oral diagnosis | | Garry C Coleman, John F Nelson | 0261 |
| 18 | Hand book of medical emergencies in dental office | 3 rd edition | Stanley M Malcolm | 0062 |
| 19 | Oral diseases in the tropics | | S R Prabhu,D F Wilson, D K Daftary | 1427 |
| 20 | Clinical medicine | 3 rd edition | Praveen Kumar. Micheal Clark | 1631 |
| 21 | Oral implantology | 3 rd edition | Andray Schroder, Franz suttes | 1421 |
| 22 | Essential immunology | 8 th edition | Iran Roitt | 0563 |
| 23 | Pathologic basis of diseases | | Robbins, Kumar | 1321 |
| 24 | Text book of microbiology | 5 th edition | Ananth Narayan | 1331 |
| 25 | Concise Medical Physiology | | Choudary | 1348 |
| 26 | Pathology & Surgery of salivary glands | | R A Cawson M J Gleeson | 01829 |
| 27 | Essentials of dental radiography & radiology | 3 rd edition | Eric Whaites | 02504 |
| 28 | Orofacial Pain | | Jeffrey P Okeson | 02505 |
| 29 | Burkitt's Oral Medicine, Diagnosis & treatment | 10 th edition | Greenberg, Glick | 02647 |
| 30 | Fundamentals of dental radiology | 2 nd edition | Vimal Sikri | 751 |
| 31 | A short textbook of oral radiology | | C.Anand Kumar | 03253 |
| 32 | Medical problems in dentistry | 5 th edition | Crispian Scully | 03249 |
| 33 | Cellular & molecular immunology | 5 th edition | Abdul .K.Abbas, Andrew.H.Lichtman | 3104 |
| 34 | Oral radiology principles & interpretation | 5 th edition | White & Pharoah | 02796 |
| 35 | Immunization digest | | A. Parthasarathy, M.R.Lokeshwar,Nitin Shah | 3144 |
| 36 | Oral & maxillofacial Infections | 4 th edition | Topazian Goldaberg | 3203 |
| 37 | Contemporary oral and maxillofacial pathology | 2 nd edition | Phillip Sapp & Eversole | |
| 38 | Infection control management of hazardous materials for the dental team | 3 rd edition | Chris.H.Miller, Charles John, Palenik | 3101 |

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| 39 | Burket's oral medicine diagnosis & treatment | 10 th edition | Greenberg ,Glick | 3020 |
| 40 | Textbook of oral medicine | | Anil govind rao ghom | 3129 |
| 41 | Dental management of the medically compromised patient | 6 th edition | James.W.Little | 3176 |
| 42 | Davidson's principles & practice of medicine | 19 th edition | Christopher haslelt ,John Hunter | 3033 |
| 43 | Monheim's local anesthesia & pain control in dental practice | 7 th edition | C.Richard Bennett | 3064 |
| 44 | Clinical virology in oral medicine & dentistry | | Crispian Scully &Lakshman Samaranayake | 00243 |
| 45 | Human anatomy | 4 th edition | B.D.Chaurasias | 03042 |
| 46 | Short practice of surgery | 24 th edition | Bailey & Love's | 2987 |
| 47 | Human embryology | 6 th edition | Inderbir Singh | 1678 |
| 48 | Pharmacology & pharmacotherapeutics | 19 th edition | R.S.Satoskar | 02957 |
| 49 | Oral & maxillofacial medicine | | Crispian Scully | 3510 |
| 50 | Differential diagnosis of diseases of oral mucosa | | Bengal Liveltmen/ Leovy | 03401 |
| 51 | Text book of Biochemistry | 22 nd edition | Harper | 00332 |
| 52 | Colour atlas of common oral diseases | 3 rd edition | Robert P Langlais | 3445 |
| 53 | Differential diagnosis of oral & maxillofacial lesion | | Wood & Goaz | 3514 |
| 54 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 03814 |
| 55 | Oral pathology clinic pathologic correlation | 5 th edition | Reqezi, Sembar | 4098 |
| 56 | Clinical examination | 11 th edition | Macleodi | 4168 |
| 57 | Oral diagnosis, oral medicine & treatment planning | 2 nd edition | Bricker | 4046 |
| 58 | Management of TMJ disorder & occlusion | 6 th edition | Jeffrey Okeson | 4195 |
| 59 | Chesney's radiographic imaging | 6 th edition | John Ball , TonyPrice | 4188 |
| 60 | Burkett's oral medicine | 11 th ₂₀ edition | Greenberg | 4185 |

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|----|---|--------------------------|-------------------|------|
| 61 | Burkett's oral medicine | 11 th edition | Greenberg | 4184 |
| 62 | Hutchison's clinical method | 22 nd edition | Michael Swash | 4157 |
| 63 | CMDT 2008 | | Stephen.J.Mephee | 4175 |
| 64 | Shafer's textbook of oral pathology | 5 th edition | R.Rajendran | 4164 |
| 65 | Essential pathology for dental students | 3 rd edition | Harshmohan | 4100 |
| 66 | Essentials of dental radiography & radiology | 4 th edition | Eriq Whaites | 4093 |
| 67 | Technique of neurological examination | 5 th edition | William.E dedlyer | 4174 |
| 68 | Mannual on clinical surgery | 6 th edition | S.Das | 4156 |
| 69 | Tencates oral histology | 7 th edition | Antonia Nanci | 4155 |
| 70 | Colour atlas of dental medicine and radiology | | Friedrich Pasler | 3483 |
| 71 | Dental radiography principles & technique | 3 rd edition | Harings Laura | 4189 |
| 72 | Colour atlas of oral diseases | 3 rd edition | George Laskeris | 4047 |
| 73 | Principles of anatomy & physiology | 11 th edition | Tor-Tora | 4170 |
| 74 | Clarke's positioning in radiography | 12 th edition | Stewart Whitley | 4162 |
| 75 | TMJ & Craniofacial pain | Millenium edition | James Friction | 4092 |
| 76 | Fundamentals of physiotherapy | | Praveen Kumar | 4158 |
| 77 | Degruchis clinical haematology in clinical practice | 5 th edition | Frank Firkin | 4159 |
| 78 | Clinical outline of oral pathology, diagnosis & treatment | 3 rd edition | Eversole | 4193 |
| 79 | Pathophysiology of diseases | 5 th edition | Stephen & Ganong | 4161 |
| 80 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4165 |

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| 81 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4166 |
| 82 | Essentials of pharmacology for dentistry | 1 st edition | K.D.Tripathi | 4101 |
| 83 | Stedman's of medical dentistry | 28 th edition | Stedman | 4167 |
| 84 | Oral maxillofacial pathology | 2 nd edition | Nevelle | 3376 |
| 85 | Oral development & histology | 3 rd edition | James. K.Avery | 004200 |
| 86 | Essentials of microbiology for dental students | | J.Bagg, A.J.Smith | 004199 |
| 87 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004279 |
| 88 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004280 |
| 89 | Malignant tumors of the mouth, jaws & salivary gland | | J.D.Langdon, J.M.Henk | 004281 |
| 90 | Essentials of oral medicine | | Eversole, Silverman | |
| 91 | Brief atlas of skeleton surface anatomy | | Gerard.J.Toratora | 004171 |
| 92 | Pathologic basis of diseases | 7 th edition | Robbins & cotran | 3202 |
| 93 | Clinical periodontology | 10 th edition | Carranza | 4386 |
| 94 | Oral radiology principles & interpretation | 6 th edition | Stuart .C.White, Michael. J. Pharoah | 4391 |
| 95 | Concise medical physiology | 6 th edition | Sujit.K.Chaudari | 4624 |
| 96 | Orofacial pain & headache | | Yairsharon,Rafeal Benoliel | 4763 |
| 97 | Clinical oral physiology | | Timothy S. Miles,Birgetl Naentofle, Pelir Svensson | 4830 |
| 98 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 004930 |
| 99 | Textbook of oral pathology | 6 th edition | Shafer's | 5172 |
| 100 | Essential microbiology for dentistry | 3 rd edition 22 | Laxman samaranayake | 5148 |

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|-----|---|---------------------------|--|------|
| 101 | Oral diseases & disorders(differential diagnosis) | | S.R.Prabhu | 5188 |
| 102 | Clinical manual for oral medicine & radiology | | Praveen B.N. | 5185 |
| 103 | Oral medicine | | Sateesh chandra, Shaleen Chandra | 5182 |
| 104 | Radiography and radiology for dental care professionals | 2 nd edition | Eriq whaites | 5177 |
| 105 | Advances in pain research & therapy (vol- 21) | | James.R.Fricton | 5147 |
| 106 | Head & neck cancer(emerging perspective) | | John.E.Ensely | 5135 |
| 107 | Managing orofacial pain in practice | | Eamonn Merphy | 5055 |
| 108 | TMD's an evidence based approach to diagnosis & treatment | | Laskin | 5043 |
| 109 | Oral pathology & oral medicine | 8 th edition | Cowson's odell | 5312 |
| 110 | Medical emergencies in the dental office | 6 th edition | Malamed | 5434 |
| 111 | Principles of dental imaging | 2 nd edition | Olat E. Langland Robert B. Langlais | 3153 |
| 112 | Orofacial pain- from basic science to clinical management | 2 nd ed. | Barry J. Sessle Giller J. Lavigne , James , Ronald | 5508 |
| 113 | Oral and maxillofacial medicine | 2 nd ed. | Crispan scally | 5511 |
| 114 | Tyldesley's Oral Medicine | 5 th ed. | Anne field & Lesley longman | 5666 |
| 115 | Atlas of diseases of oral mucosa | 5 th ed. | J.J.pindborg | 5672 |
| 116 | Nutrition & oral medicine | | Riva tovger, David A. Sirois, Connie C. Motley | 5664 |
| 117 | Exercises in oral radiology & interpretation | | Robert P. Langlais | 5669 |
| 118 | Contemporary oral & maxillofacial pathology | 2 nd ed. 23 | J Phillip Sapp Lewis R Eversole | 5917 |

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|-----|--|-------------------------|---|-------|
| 119 | Sjogren's syndrome, rheumatic disease clinics of north america | | Steven E Carsons | 6042 |
| 120 | Dental management of medically compromised patient | 7 th ed. | Little & F alace | 5965 |
| 121 | Interventional head & neck imaging-neuroimaging clinics | | Suresh K. Mukherji | 6045 |
| 122 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6046 |
| 123 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6067 |
| 124 | Cancer- head & neck | 4 th ed. | Eugene Myer's James Y. Suen | 5918 |
| 125 | Odontogenic tumors & allied lesion | | Peter A. Reichart Hans P.phillipsen | 5802 |
| 126 | Oral cancer | | Robert A.Ord Remy H. Blanchaert | 6115 |
| 127 | Color atlas of oral manifestation of AIDS | 2 nd ed. | Sol Siverman jr. | 6095 |
| 128 | Antibiotic & antimicrobial used in dental practice | 2 nd ed. | Micheal G. Newman Arie J. Van Winkle , | 5801 |
| 129 | 21 st century imaging | | Keith horner Nicholas, david brette | 5800 |
| 130 | Clinical problem solving in dentistry | | Edward W. Odell | 5110 |
| | <u>COMPLIMENTARY COPIES</u> | | | |
| 1. | Atlas of oral diagnostic imaging | | Tomomitsu Higashi | 03252 |
| 2. | Principles of practical oral medicine | | Pramodh John | |
| 3. | Diagnostic procedures in dentistry | 1 st edition | Pramod K Dayal | 3254 |
| 4. | The essentials of periodontology | | H.P.Mueller | |
| 5. | Text book of clinical Medicine for dental students | 24 | Dr S N Chugh | 03255 |

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| 6. | Oral Radiology Principles & Interpretation | 5 th edition | White & Pharoah | 003220 |
| 7. | Fundamentals of dental radiology | 3 rd edition | Vimal.K.Sikri | 3330 |
| 8. | Color atlas of oral medicine | | Gopal Krishan B.R | |
| 9. | Essentials of oral medicine | | Gopal Krishan B.R | |
| 10 | Pocket atlas of oral diseases | 2 nd edition | G.Laskaris | |
| 11 | Oral medicine oral diagnosis and oral radiology | | Ravikiran Ongole | |
| 12 | Anatomy of the head & neck for dental & medical students | 2 nd edition | A. Halim | |
| 13 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 14 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 15 | Textbook of oral medicine & oral diagnosis & oral radiology | | Ravikiran ongole, Praveen B.N | |
| 16 | Textbook of dental radiology | 2 nd edition | Pramod John.R. | |
| 17 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 18 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 19 | Periodontology the essentials | | H.P.Mueller | |
| 20 | Textbook of oral radiology | | Anil Ghom | |
| 21 | Medical law for the dental surgeon | | George Paul | |
| 22 | Radiography for technicians | | L.C.Gupta | |
| 23 | Medicine for dental students | | R.Alagappan | |
| 24 | Infection control in dental practice | | Anil,Samarnayak | |
| 25 | Text book of pedodontics | 2 nd edition | Shobha Tandon | |
| 26 | Differential diagnosis of oral and maxillofacial lesions | | Wood & Goaz | 03250 |

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|-----|---|-------------------------|------------------------------|--|
| 27 | A clinical atlas of oral diseases | | A.P.Bhatt | |
| 28 | Dental anatomy and physiology | 7 th edition | Wheeler's | |
| 29 | Diagnostic oral medicine | | BK Venkatraman | |
| | <u>XEROX BOOKS (COPIES)</u> | | | |
| 1. | Panoramic radiology | 2 nd edition | Langland & Langlais | |
| 2. | Maxillofacial imaging | | Delbalso | |
| 3. | Surgical pathology of the salivary glands Vol 25 | | Gary.L.Ellis, Paul L.Auctair | |
| 4. | Maxillofacial imaging | | Angelo.M.Delbalso | |
| 5. | Diagnostic imaging of jaws | | Langlais ,Langland | |
| 6. | Principles and practice of oral radiologic interpretation | | M. Worth | |
| 7. | Oral medicine diagnosis & treatment | 8 th edition | Burkett's | |
| 8. | Panoramic radiology | 1st edition | Langland & Langlais | |
| 9. | Physics of diagnostic radiology | 4 th edition | Christenson | |
| 10. | Diseases of oral; mucosa | 2 nd ed. | Mc Carthy | |
| 11. | Clinical oral medicine | | J J Gayford | |

National

1. Indian journal of dental research.
2. Journal of pearl dent.
3. Guident
4. world journal of dentistry
5. medicolegal update
6. journal of pierre fauchard academy
7. Indian journal of dental education
8. journal of international oral health
9. The open dentistry journal
10. Indian dentist research and review
11. Indian journal of stomatology
12. Journal Indian academy
13. Journal advanced dental research
14. Journal of dental science and research
15. Indian journal of dental advancement
16. natl medical journal India

International

1. libyan journal medicine
2. Journal of investigative and clinical dentistry
3. acta stomatologic Croatia (ASCRO)
4. International journal of contemporary dentistry
5. International journal of research in ayurveda and pharmacy
6. Dentistry international
7. Journal of Nepal dental association
8. HongKong dental journal

9. Journal of clinical oral investigation
10. Journal of oral and maxillofacial surgery, medicine and pathology
11. Oral science international
12. Japanese dental science review
13. Journal of medical case reports
14. inaman red crescent medical journal
15. Malaysian journal medical science
16. Rev Bras otolaryngology
17. World dental journal
18. International journal of dental case reports
19. J. Rev clinical pesq odontol
20. Dental tribune
21. International journal of clinical dental science
22. Dental research journal
23. journal of minim interv dentistry
24. journal clinical and diagnostic research
25. journal of croat med
26. international of journal of pharma and bio science
27. arch oncol
28. Arch Environ contam toxicol
29. academy of general dentistry
30. Minerva stomatologica
31. international journal of odonto stomatology
32. new York state dental journal
33. Asian Pacific Journal of Cancer Prevention
34. Jeur Acad Dermatol venereal
35. Acta Medica

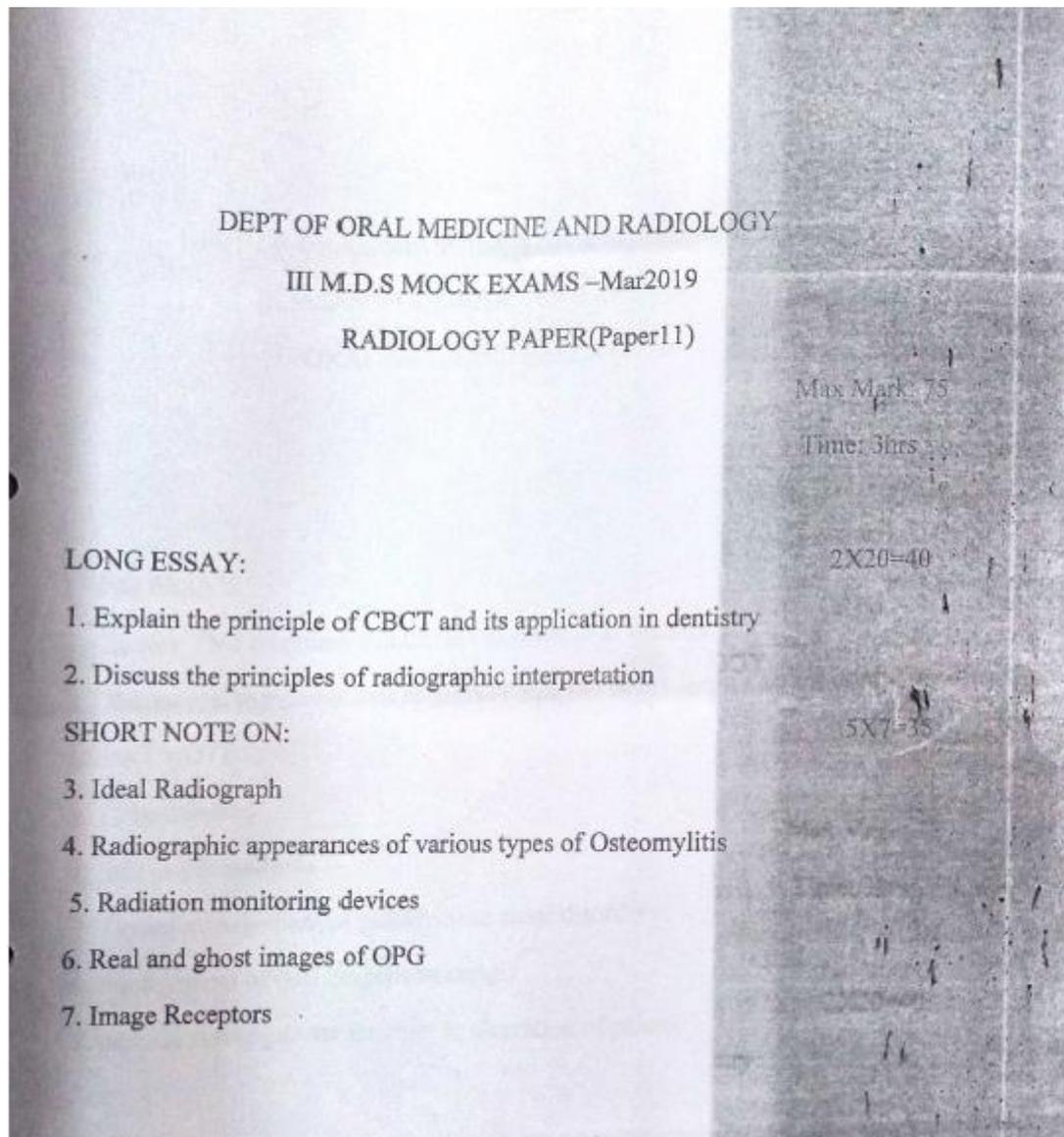
36. Clin Oral Invest

37. Arch Dermatol

38. Journal of pharmacy research

39. Acta odontol Scand

9. Internal Assessment Question paper & Scheme



1. Vision and Mission of the Institution

OUR VISION

Single window delivery of total oral health care needs
Total quality management in service and education
To train general, specialized and allied professional personnel to meet regional and national oral health care services
Work to contribute to global oral health care knowledge and skills
To impart knowledge and interact with organizations of similar interests
Be efficient, effective, community acceptable in education service and research
Fostering global competencies inculcating value system among learners
Promote use of technology of relevance.

'Excellence in education, oral healthcare, research and service to community.'

OUR MISSION

Learner centered dental education
Patient centered service
Community oriented research
Strong community relationship
Serve the underserved
Meet the regional, national and global dental education needs
Inter organizational linkage
Strategic future-oriented planning
Excellence in knowledge, skills and service
Professionalism in management
Open organizational climate.

2. Vision and Mission of the Department

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY



Vision

The vision of the department is to be nationally recognized center of excellence for patient care and services and exemplary education as well as research in orofacial diagnostic sciences.

Mission

The mission of is to advance the practice of medicine , improve patient care and promote scholarly activities . Central to this mission are the following :

- .To encourage and support the pursuit of high quality, leading-edge education and research.
- . To promote the dissemination of new knowledge in the management of oro-facial disorders.

3. Course Objectives and Course Outcomes

The postgraduate program comprises of:

- Conduct of seminars and journal clubs on a regular basis.
- Curriculum also includes documentation of case histories, case presentations, paper/poster presentations.
- Postgraduates are actively encouraged to conduct debates and adapt problem based pattern of modules.
- Periodic internal assessments are conducted for PGs for their theory as well as practical assessments.
- Based on their performance the advanced learners are encouraged to conduct more short studies, paper presentations, participate in table clinics quiz competitions, conducting undergraduate theory classes.
- Tiered assignments with shared content and themes are given to students. It gives all students a chance to share knowledge and ideas yet, at the same time, work at a level that is both academically challenging and comfortable. It also gives teachers the chance to teach more flexibly and to engage students' interests as well as meet their needs.
- Self evaluation is encouraged to understand students' strengths and weaknesses will helps them to improve in their areas of shortcomings and help others with their knowledge as well.
- These learning and teaching process have aided in academic excellence of not only advanced learners but also slow learners which is reflected in their performance.

Course objectives

MDS

OBJECTIVES:

The following objectives are laid out to achieve the goals of the course

A) KNOWLEDGE:

Discuss historical perspective to advancement in the subject proper and related topics.

- Describe etiology, pathogenesis, diagnosis and management of common periodontal diseases with emphasis on Indian population
- Familiarize with the biochemical, microbiologic and Immunologic genetic aspects of periodontal pathology
- Describe various preventive periodontal measures
- Describe various treatment modalities of periodontal disease from historical aspect to currently available ones
- Describe interrelationship between periodontal disease and various systemic conditions
- Describe periodontal hazards due to estrogenic causes and deleterious habits and prevention of it
- Identify rartiles in periodontal disease and environmental/Emotional determinates in a given case
- Recognize conditions that may be outside the area of his/her Speciality/ competence and refer them to an appropriate Specialist
- Decide regarding non-surgical or surgical management of the case
- Update the student by attending courses, conferences and seminars relevant to periodontics or by self-learning process.
- Plan out/ carry out research activity both basic and clinical aspects with the aim of publishing his/her work in scientific journals
- Reach to the public to motivate and educate regarding periodontal disease, its prevention and consequences if not treated
- Plan out epidemiological survey to assess prevalence and incidence of early onset periodontitis and adult periodontitis in Indian population (Region wise)
- Shall develop knowledge, skill in the science and practice of Oral Implantology
- Shall develop teaching skill in the field of Periodontology and Oral Implantology
- Principals of Surgery and Medical Emergencies.
- To sensitize students about Inter disciplinary approach towards the soft tissues of the oral cavity with the help of specialist from other departments.

B) SKILLS:

- Take a proper clinical history, thorough examination of Intra oral, extra oral, medical history evaluation, advice essential diagnostic procedures and interpret them to come to a reasonable diagnosis
- Effective motivation and education regarding periodontal disease maintenance after the treatment
- Perform both non-surgical & education regarding periodontal disease, maintenance after the treatment
- Perform both non-surgical and surgical procedures independently
- Provide Basic Life Support Service (BLS) recognizes the need for advance life support and does the immediate need for that.
- Human values, ethical practice to communication abilities

Syllabus

Paper II: Oral And Maxillofacial Radiology

Study includes Seminars/lectures/Demonstrations

1. History of radiology, structure of x-ray tube, production of x-ray, property of x-rays
2. Biological effects of radiation
3. Filtration of collimation, grids and units of radiation
4. Films and recording media
5. Processing of image in radiology
6. Design of x-ray department, darkroom and use of automatic processing units
7. Localization by radiographic techniques
8. Faults of dental radiographs and concept of ideal radiograph
9. Quality assurance and audit in dental radiology
10. Extra-oral imaging techniques
11. OPG and other radiologic techniques
12. Advanced imaging techniques like CT scan, MRI, Ultrasound & thermographic
13. Radionuclide techniques
14. Contrast radiography in salivary gland, TMJ, and other radiolucent pathologies
15. Radiation protection and ICRP guidelines
16. Art of radiographic report, writing and descriptors preferred in reports
17. Radiograph differential diagnosis of radiolucent, radioopaque and mixed lesions
18. Digital radiology and its various types of advantages

Paper III: Oral Medicine, therapeutics and laboratory investigations

1. Study includes seminars/lectures/discussion
2. Methods of clinical diagnosis of oral and systemic diseases as applicable to oral tissue including modern diagnostic techniques
3. Laboratory investigations including special investigations of oral and oro-facial diseases
4. Teeth in local and systemic diseases, congenital, and hereditary disorders

5. Oral manifestations of systemic diseases
6. Oro-facial pain
7. Psychosomatic aspects of oral diseases
8. Management of medically compromised patients including medical emergencies in the dental chair
9. Congenital and Hereditary disorders involving tissues of the oro-facial region
10. Systemic diseases due to oral foci of infection
11. Hematological, Dermatological, Metabolic, Nutritional, & Endocrinal conditions with oral manifestations
12. Neuromuscular diseases affecting the oro-facial region
13. Salivary gland disorders
14. Tongue in oral and systemic diseases
15. TMJ dysfunction and diseases
16. Concept of immunity as related to oro-facial lesions, including AIDS
17. Cysts, Neoplasms, Odontomes, and fibro - osseous lesions
18. Oral changes in Osteo - dystrophies and chondro - dystrophies
19. Pre malignant and malignant lesions of the oro-facial region
20. Allergy and other miscellaneous conditions
21. Therapeutics in oral medicine - clinical pharmacology
22. Forensic odontology
23. Computers in oral diagnosis and imaging
24. Evidence based oral care in treatment planning

Essential Knowledge

Basic medical subjects, Oral Medicine, Clinical Dentistry, Management of Medical Emergencies, Oral Radiology, Techniques and Inter-Operation, Diagnosis of Oro-facial Disorders

Procedural and Operative Skills:

(The numbers mentioned are minimum to be performed by each candidate)

1st Year

Observe, Assist, & Perform under supervision

1. Examination of Patient -Case history recordings -50

-FNAC&Biopsy -5 each

Observe, Assist, & Perform under supervision

2. Intra-oral radiograph
Perform and interpret -100

2nd year

1. Dental treatment to medically compromised patients

- Observe, assist, and perform under supervision

2. Extra-oral radiographs, digital radiography -25

- Observe, assist and perform under supervision

Operative skills:

1. Giving intra-muscular and intravenous injections

2. Administration of oxygen and lifesaving drugs to the patients

3. Performing basic CPR and certification by Red Cross

3rd Year

All the above

Performed independently - Case history: Routine cases -25 Interesting Cases-

25 Intra-oral Radiographs -100

Periapical view -50

Bitewing view -25

- Occlusal view -25

Extra-oral radiographs of different views -50 Monitoring Learning Progress

It is essential to monitor the learning progress to each candidate through continuous appraisal

and regular assessment. It not only helps teachers to evaluate students, but

also students to evaluate themselves. The monitoring to be done by the staff of the department based on participation of students in various teaching / learning activities. It may be structured and assessment be done using checklists that assess various aspects.

4. Timetable – Master, Class & Teacher Topic Timetable

**THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY**

Academic time table for 3rd MDS

| Weekdays | 9: 00 am To 10:30 am | 10: 30am To 12:30 am | 12:30 pm To 1:00 pm | 1:00pm To 2:00 pm | 2:00 pm To 3:00 pm |
|------------------|---|--|---|---|---|
| Monday | 2 case presentations long case (CBL) and short case | Case screening / chairside discussions/ radiographic practice | L U N C H B R E A K | Laser excisions of mucosal lesions | Short presentations |
| Tuesday | III year MDS seminar presentation | Case screening / chairside discussions/ radiographic practice | | Excisional /incisional biopsies | Short presentations Short presentations Short presentations Short presentations |
| Wednesday | III year MDS seminar / PBL | Case screening / chairside discussions/ radiographic practice | | Extra Oral practice and tracing | |
| Thursday | II and III year MDS journal club | Case screening / chairside discussions/ radiographic practice | | Age estimation | |
| Friday | II year MDS seminar | Case screening / chairside discussions/ radiographic practice | | | |
| Saturday | II and III year MDS journal club | Case screening / chairside discussions/ radiographic practice | | | |

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|--|--|----------------------------------|--|--|--------------------------------|
| | | radiographic practice | | Group discussion ----- | Short presentations |
|--|--|----------------------------------|--|--|--------------------------------|

6. Teaching Methodologies

- Theory
- Discussion; case history & diagnosis
- Clinical training; case history, diagnosis, treatment options & planning

Learning Materials

- Health Education models
- Health Education charts
- Demonstrative models
- Flip charts
- Working models
- Computer software and Applications
- Flash Cards
- OHP projector
- Games and videos
- Smart Pen

Assignment

- Seminars
- Health Talk
- Charts
- Models
- Survey
- Powerpoints
- Essays

9. Study Material

ORAL MEDICINE AND RADIOLOGY

- a) Oral Diagnosis, Oral Medicine & Oral Pathology
- 1. Burkit-Oral Medicine-J.B.Lippincott Company
- 2. Coleman-Principles of Oral Diagnosis-McSby Year Book
- 3. Jones-Oral Manifestations of Systemic Diseases-W.B.Saunders company
- 4. Wood and Goaz-Differential diagnosis of Oral Lesions-Mosby Year Book
- 5. Langlais-Oral Diagnosis/Oral Medicine and Treatment planning Lea & Febiger & Waverly Co.,
- 6. Mitchell-Oral Diagnosis & Oral Medicine
- 7. Pindburg-Syndromes of the Head & Neck
- 8. Stones-Oral Diseases
- 9. Irwin Walter Scopp-Oral Medicine
- 10. Kerr-Oral Diagnosis
- 11. Miller-Oral Diagnosis & Treatment
- 12. Bennier-Differential diagnosis & Oral Lesions
- 13. Munford-Oral facial pain
- 14. Bell-Oral facial pain
- 15. Tullmen-Systemic diseases in Dental Treatment
- 16. Mean-Diseases of the Mouth
- 17. Hutchinson-clinical Methods
- 18. McCleods-Clinical Examination
- 19. Chamberlin-Symptoms & Signs of Clinical Medicine
- 20. Davidson-Principles and Practice of Medicine

21. Harrison-PrinciplesofInternsMedicine
22. Schweitner-OralRehabilitationproblemcases
23. Burkhardt-OralCancer
24. Dolby-OralMucosain Hearth&Diseases
25. Sonis.S.T,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
26. NallyF.F.andEggleston.D.J.-AManualofOralMedicine

27. Prabhu.S.R.etal-OralDiseasesin the Tropics
28. SamaranayakeL.Ret al-OralCandidosis

- b) OralRadiology

1. White&Goaz-OralRadiology -MosbyearBook
2. Weahrman-DentalRadiology-C.V.MosbyCompany
3. Stafne-OralRoentgenographicDiagnosis-W.B.SaundersCo.,
4. Langlairs-DiagnosticImagingoftheJaws-William& Wilkins
5. Smith-DentalRadiography-BlackwellScientificPublication
6. EricWhaites-essentialsofDentalRadiography-ChurchillLivingstone
7. Sonis.S.T.,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
8. MalamedS.F.-Book ofMedicalEmergenciesin theDental

9. Cawson.R.A.andScullyCM.-MedicalProblemsinDentistry
10. Pindborg.J.J.-Atlasofdiseasesoftheoral mucosa
11. LinchM.A.-ET'SOralMedicine,DiagnosisandTreatment

12. Dayal P.K.- Textbook of Oral Medicine

c) Forensic Odontology

1. Derek H. Clark- Practical Forensic Odontology- Wright

2. Cottone Standish- Outline of Forensic Dentistry

3. Whittaker- A colour atlas of Forensic Dentistry

JOURNALS:

The journals are best source of information for professionals to keep abreast with the recent developments and trends in their respective specialties. Considering the array of journals that are available today

the council requires that the institutions provide as a minimum requirement the list of journals mentioned below:

Pertaining to Dental education and practice.

1. Journal of Indian Dental Association
2. British Dental Journal
3. Journal of American Dental Association
4. Journal of Dentistry
5. Dental Clinics of North America
6. Journal of Dental Education
7. Dental Abstracts
8. Journal of Dental Research
9. Dental Index'
10. Quintessence International

11. InternationalDentalJournal
12. AustralianDentalJournal
13. Journalofdentalmaterials
14. Journalofaestheticdentistry
15. Journalofcleftpalate

THE OXFORD DENTAL COLLEGE AND HOSPITAL

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

LIST OF DEPARTMENT LIBRARY BOOKS

| Sl no | Book name | Edition /year | Author | Library number |
|--------------|---|---------------------------------|---|---------------------------|
| 1 | Fundamentals of dental radiology | 1 st edition 1992 | Vimal Sikri | 0751 |
| 2 | Manual of dental therapeutics | 1 st edition 1993 | Raymond F Zambito | 0648 |
| 3 | Immunology of oral diseases | 3 rd edition 1992 | Thomas lochner | 0314 |
| 4 | A guide to dental radiology | 4 th edition 1998 | Rita mason, Sarah Bourne | 1367 |
| 5 | Dental management of medically compromised patients | 4 th edition 1993 | James W Little | 1081 |
| 6 | Oral radiology Principles & interpretation | 4 th edition 1997 | White & Pharoah | 1497 |
| 7 | An atlas of dental radiographic anatomy | 4 th edition 1994 | Kasle | 0370 |
| 8 | A text book oral pathology | 4 th edition 1997 | Shafer Hine Levy | 1545 |
| 9 | Colour atlas of oral medicine | 2 nd edition 1994 | Wilham R Tyldesley | 1195 |
| 10 | Internal medicine for dentistry | 2 nd edition 1990 | Louis F Rose, Donald Kaye | 1092 |
| 11 | Atlas of dental & maxillofacial radiology | 1 st edition 1995 | Roger M Browne Hugh D | 1197 |
| 12 | Principles of dental imaging | 1 st edition 1997 | Olaf E Langland Robert P Langlais | 1488 |
| 13 | Oral medicine in practice | 1 st edition 1991 | P J Lamey | 1087 |
| 14 | Differential diagnosis of oral lesions | 4 th edition 1991 | Wood & Goaz | 0306 |
| 15 | Burkitt's Oral Medicine, Diagnosis & treatment | 9 th edition 1998 | Malcolm Lynch, Vernon J Brightman, Martin S Greenberg | 1458 |
| 16 | Diagnostic picture tests in oral medicine | 1 st edition 18 | W R Tydesley | 1056 |

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|----|---|--------------------------|--|-------|
| 17 | Principles of oral diagnosis | | Garry C Coleman, John F Nelson | 0261 |
| 18 | Hand book of medical emergencies in dental office | 3 rd edition | Stanley M Malcolm | 0062 |
| 19 | Oral diseases in the tropics | | S R Prabhu,D F Wilson, D K Daftary | 1427 |
| 20 | Clinical medicine | 3 rd edition | Praveen Kumar. Micheal Clark | 1631 |
| 21 | Oral implantology | 3 rd edition | Andray Schroder, Franz suttes | 1421 |
| 22 | Essential immunology | 8 th edition | Iran Roitt | 0563 |
| 23 | Pathologic basis of diseases | | Robbins, Kumar | 1321 |
| 24 | Text book of microbiology | 5 th edition | Ananth Narayan | 1331 |
| 25 | Concise Medical Physiology | | Choudary | 1348 |
| 26 | Pathology & Surgery of salivary glands | | R A Cawson M J Gleeson | 01829 |
| 27 | Essentials of dental radiography & radiology | 3 rd edition | Eric Whaites | 02504 |
| 28 | Orofacial Pain | | Jeffrey P Okeson | 02505 |
| 29 | Burkitt's Oral Medicine, Diagnosis & treatment | 10 th edition | Greenberg, Glick | 02647 |
| 30 | Fundamentals of dental radiology | 2 nd edition | Vimal Sikri | 751 |
| 31 | A short textbook of oral radiology | | C.Anand Kumar | 03253 |
| 32 | Medical problems in dentistry | 5 th edition | Crispian Scully | 03249 |
| 33 | Cellular & molecular immunology | 5 th edition | Abdul .K.Abbas, Andrew.H.Lichtman | 3104 |
| 34 | Oral radiology principles & interpretation | 5 th edition | White & Pharoah | 02796 |
| 35 | Immunization digest | | A. Parthasarathy, M.R.Lokeshwar,Nitin Shah | 3144 |
| 36 | Oral & maxillofacial Infections | 4 th edition | Topazian Goldaberg | 3203 |
| 37 | Contemporary oral and maxillofacial pathology | 2 nd edition | Phillip Sapp & Eversole | |
| 38 | Infection control management of hazardous materials for the dental team | 3 rd edition | Chris.H.Miller, Charles John, Palenik | 3101 |

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| 39 | Burket's oral medicine diagnosis & treatment | 10 th edition | Greenberg ,Glick | 3020 |
| 40 | Textbook of oral medicine | | Anil govind rao ghom | 3129 |
| 41 | Dental management of the medically compromised patient | 6 th edition | James.W.Little | 3176 |
| 42 | Davidson's principles & practice of medicine | 19 th edition | Christopher haslelt ,John Hunter | 3033 |
| 43 | Monheim's local anesthesia & pain control in dental practice | 7 th edition | C.Richard Bennett | 3064 |
| 44 | Clinical virology in oral medicine & dentistry | | Crispian Scully &Lakshman Samaranayake | 00243 |
| 45 | Human anatomy | 4 th edition | B.D.Chaurasias | 03042 |
| 46 | Short practice of surgery | 24 th edition | Bailey & Love's | 2987 |
| 47 | Human embryology | 6 th edition | Inderbir Singh | 1678 |
| 48 | Pharmacology & pharmacotherapeutics | 19 th edition | R.S.Satoskar | 02957 |
| 49 | Oral & maxillofacial medicine | | Crispian Scully | 3510 |
| 50 | Differential diagnosis of diseases of oral mucosa | | Bengal Liveltmen/ Leovy | 03401 |
| 51 | Text book of Biochemistry | 22 nd edition | Harper | 00332 |
| 52 | Colour atlas of common oral diseases | 3 rd edition | Robert P Langlais | 3445 |
| 53 | Differential diagnosis of oral & maxillofacial lesion | | Wood & Goaz | 3514 |
| 54 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 03814 |
| 55 | Oral pathology clinic pathologic correlation | 5 th edition | Reqezi, Sembar | 4098 |
| 56 | Clinical examination | 11 th edition | Macleodi | 4168 |
| 57 | Oral diagnosis, oral medicine & treatment planning | 2 nd edition | Bricker | 4046 |
| 58 | Management of TMJ disorder & occlusion | 6 th edition | Jeffrey Okeson | 4195 |
| 59 | Chesney's radiographic imaging | 6 th edition | John Ball , TonyPrice | 4188 |
| 60 | Burkett's oral medicine | 11 th ₂₀ edition | Greenberg | 4185 |

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| 61 | Burkett's oral medicine | 11 th edition | Greenberg | 4184 |
| 62 | Hutchison's clinical method | 22 nd edition | Michael Swash | 4157 |
| 63 | CMDT 2008 | | Stephen.J.Mephee | 4175 |
| 64 | Shafer's textbook of oral pathology | 5 th edition | R.Rajendran | 4164 |
| 65 | Essential pathology for dental students | 3 rd edition | Harshmohan | 4100 |
| 66 | Essentials of dental radiography & radiology | 4 th edition | Eriq Whaites | 4093 |
| 67 | Technique of neurological examination | 5 th edition | William.E dedlyer | 4174 |
| 68 | Mannual on clinical surgery | 6 th edition | S.Das | 4156 |
| 69 | Tencates oral histology | 7 th edition | Antonia Nanci | 4155 |
| 70 | Colour atlas of dental medicine and radiology | | Friedrich Pasler | 3483 |
| 71 | Dental radiography principles & technique | 3 rd edition | Harings Laura | 4189 |
| 72 | Colour atlas of oral diseases | 3 rd edition | George Laskeris | 4047 |
| 73 | Principles of anatomy & physiology | 11 th edition | Tor-Tora | 4170 |
| 74 | Clarke's positioning in radiography | 12 th edition | Stewart Whitley | 4162 |
| 75 | TMJ & Craniofacial pain | Millenium edition | James Friction | 4092 |
| 76 | Fundamentals of physiotherapy | | Praveen Kumar | 4158 |
| 77 | Degruchis clinical haematology in clinical practice | 5 th edition | Frank Firkin | 4159 |
| 78 | Clinical outline of oral pathology, diagnosis & treatment | 3 rd edition | Eversole | 4193 |
| 79 | Pathophysiology of diseases | 5 th edition | Stephen & Ganong | 4161 |
| 80 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4165 |

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| 81 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4166 |
| 82 | Essentials of pharmacology for dentistry | 1 st edition | K.D.Tripathi | 4101 |
| 83 | Stedman's of medical dentistry | 28 th edition | Stedman | 4167 |
| 84 | Oral maxillofacial pathology | 2 nd edition | Nevelle | 3376 |
| 85 | Oral development & histology | 3 rd edition | James. K.Avery | 004200 |
| 86 | Essentials of microbiology for dental students | | J.Bagg, A.J.Smith | 004199 |
| 87 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004279 |
| 88 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004280 |
| 89 | Malignant tumors of the mouth, jaws & salivary gland | | J.D.Langdon, J.M.Henk | 004281 |
| 90 | Essentials of oral medicine | | Eversole, Silverman | |
| 91 | Brief atlas of skeleton surface anatomy | | Gerard.J.Toratora | 004171 |
| 92 | Pathologic basis of diseases | 7 th edition | Robbins & cotran | 3202 |
| 93 | Clinical periodontology | 10 th edition | Carranza | 4386 |
| 94 | Oral radiology principles & interpretation | 6 th edition | Stuart .C.White, Michael. J. Pharoah | 4391 |
| 95 | Concise medical physiology | 6 th edition | Sujit.K.Chaudari | 4624 |
| 96 | Orofacial pain & headache | | Yairsharon,Rafeal Benoliel | 4763 |
| 97 | Clinical oral physiology | | Timothy S. Miles,Birgetl Naentofle, Pelir Svensson | 4830 |
| 98 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 004930 |
| 99 | Textbook of oral pathology | 6 th edition | Shafer's | 5172 |
| 100 | Essential microbiology for dentistry | 3 rd edition | Laxman samaranayake | 5148 |

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| 101 | Oral diseases & disorders(differential diagnosis) | | S.R.Prabhu | 5188 |
| 102 | Clinical manual for oral medicine & radiology | | Praveen B.N. | 5185 |
| 103 | Oral medicine | | Sateesh chandra, Shaleen Chandra | 5182 |
| 104 | Radiography and radiology for dental care professionals | 2 nd edition | Eriq whaites | 5177 |
| 105 | Advances in pain research & therapy (vol- 21) | | James.R.Friction | 5147 |
| 106 | Head & neck cancer(emerging perspective) | | John.E.Ensely | 5135 |
| 107 | Managing orofacial pain in practice | | Eamonn Merphy | 5055 |
| 108 | TMD's an evidence based approach to diagnosis & treatment | | Laskin | 5043 |
| 109 | Oral pathology & oral medicine | 8 th edition | Cowson's odell | 5312 |
| 110 | Medical emergencies in the dental office | 6 th edition | Malamed | 5434 |
| 111 | Principles of dental imaging | 2 nd edition | Olat E. Langland Robert B. Langlais | 3153 |
| 112 | Orofacial pain- from basic science to clinical management | 2 nd ed. | Barry J. Sessle Giller J. Lavigne , James , Ronald | 5508 |
| 113 | Oral and maxillofacial medicine | 2 nd ed. | Crispan scally | 5511 |
| 114 | Tyldesley's Oral Medicine | 5 th ed. | Anne field & Lesley longman | 5666 |
| 115 | Atlas of diseases of oral mucosa | 5 th ed. | J.J.pindborg | 5672 |
| 116 | Nutrition & oral medicine | | Riva tovger, David A. Sirois, Connie C. Motley | 5664 |
| 117 | Exercises in oral radiology & interpretation | | Robert P. Langlais | 5669 |
| 118 | Contemporary oral & maxillofacial pathology | 2 nd ed. 23 | J Phillip Sapp Lewis R Eversole | 5917 |

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| 119 | Sjogren's syndrome, rheumatic disease clinics of north america | | Steven E Carsons | 6042 |
| 120 | Dental management of medically compromised patient | 7 th ed. | Little & F alace | 5965 |
| 121 | Interventional head & neck imaging-neuroimaging clinics | | Suresh K. Mukherji | 6045 |
| 122 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6046 |
| 123 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6067 |
| 124 | Cancer- head & neck | 4 th ed. | Eugene Myer's James Y. Suen | 5918 |
| 125 | Odontogenic tumors & allied lesion | | Peter A. Reichart Hans P.phillipsen | 5802 |
| 126 | Oral cancer | | Robert A.Ord Remy H. Blanchaert | 6115 |
| 127 | Color atlas of oral manifestation of AIDS | 2 nd ed. | Sol Siverman jr. | 6095 |
| 128 | Antibiotic & antimicrobial used in dental practice | 2 nd ed. | Micheal G. Newman Arie J. Van Winkle , | 5801 |
| 129 | 21 st century imaging | | Keith horner Nicholas, david brette | 5800 |
| 130 | Clinical problem solving in dentistry | | Edward W. Odell | 5110 |
| | <u>COMPLIMENTARY COPIES</u> | | | |
| 1. | Atlas of oral diagnostic imaging | | Tomomitsu Higashi | 03252 |
| 2. | Principles of practical oral medicine | | Pramodh John | |
| 3. | Diagnostic procedures in dentistry | 1 st edition | Pramod K Dayal | 3254 |
| 4. | The essentials of periodontology | | H.P.Mueller | |
| 5. | Text book of clinical Medicine for dental students | 24 | Dr S N Chugh | 03255 |

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| 6. | Oral Radiology Principles & Interpretation | 5 th edition | White & Pharoah | 003220 |
| 7. | Fundamentals of dental radiology | 3 rd edition | Vimal.K.Sikri | 3330 |
| 8. | Color atlas of oral medicine | | Gopal Krishan B.R | |
| 9. | Essentials of oral medicine | | Gopal Krishan B.R | |
| 10 | Pocket atlas of oral diseases | 2 nd edition | G.Laskaris | |
| 11 | Oral medicine oral diagnosis and oral radiology | | Ravikiran Ongole | |
| 12 | Anatomy of the head & neck for dental & medical students | 2 nd edition | A. Halim | |
| 13 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 14 | Textbook of oral medicine | | Anil Govind Rao Ghom | |
| 15 | Textbook of oral medicine & oral diagnosis & oral radiology | | Ravikiran ongole, Praveen B.N | |
| 16 | Textbook of dental radiology | 2 nd edition | Pramod John.R. | |
| 17 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 18 | Pocket atlas of dental radiology | | Friedrich A. Pasler,Heikorisser | |
| 19 | Periodontology the essentials | | H.P.Mueller | |
| 20 | Textbook of oral radiology | | Anil Ghom | |
| 21 | Medical law for the dental surgeon | | George Paul | |
| 22 | Radiography for technicians | | L.C.Gupta | |
| 23 | Medicine for dental students | | R.Alagappan | |
| 24 | Infection control in dental practice | | Anil,Samarnayak | |
| 25 | Text book of pedodontics | 2 nd edition | Shobha Tandon | |
| 26 | Differential diagnosis of oral and maxillofacial lesions | | Wood & Goaz | 03250 |

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|-----|---|-------------------------|------------------------------|--|
| 27 | A clinical atlas of oral diseases | | A.P.Bhatt | |
| 28 | Dental anatomy and physiology | 7 th edition | Wheeler's | |
| 29 | Diagnostic oral medicine | | BK Venkatraman | |
| | <u>XEROX BOOKS (COPIES)</u> | | | |
| 1. | Panoramic radiology | 2 nd edition | Langland & Langlais | |
| 2. | Maxillofacial imaging | | Delbalso | |
| 3. | Surgical pathology of the salivary glands Vol 25 | | Gary.L.Ellis, Paul L.Auctair | |
| 4. | Maxillofacial imaging | | Angelo.M.Delbalso | |
| 5. | Diagnostic imaging of jaws | | Langlais ,Langland | |
| 6. | Principles and practice of oral radiologic interpretation | | M. Worth | |
| 7. | Oral medicine diagnosis & treatment | 8 th edition | Burkett's | |
| 8. | Panoramic radiology | 1st edition | Langland & Langlais | |
| 9. | Physics of diagnostic radiology | 4 th edition | Christenson | |
| 10. | Diseases of oral; mucosa | 2 nd ed. | Mc Carthy | |
| 11. | Clinical oral medicine | | J J Gayford | |

National

1. Indian journal of dental research.
2. Journal of pearl dent.
3. Guident
4. world journal of dentistry
5. medicolegal update
6. journal of pierre fauchard academy
7. Indian journal of dental education
8. journal of international oral health
9. The open dentistry journal
10. Indian dentist research and review
11. Indian journal of stomatology
12. Journal Indian academy
13. Journal advanced dental research
14. Journal of dental science and research
15. Indian journal of dental advancement
16. natl medical journal India

International

1. libyan journal medicine
2. Journal of investigative and clinical dentistry
3. acta stomatologic Croatia (ASCRO)
4. International journal of contemporary dentistry
5. International journal of research in ayurveda and pharmacy
6. Dentistry international
7. Journal of Nepal dental association
8. HongKong dental journal

9. Journal of clinical oral investigation
10. Journal of oral and maxillofacial surgery, medicine and pathology
11. Oral science international
12. Japanese dental science review
13. Journal of medical case reports
14. inaman red crescent medical journal
15. Malaysian journal medical science
16. Rev Bras otolaryngology
17. World dental journal
18. International journal of dental case reports
19. J. Rev clinical pesq odontol
20. Dental tribune
21. International journal of clinical dental science
22. Dental research journal
23. journal of minim interv dentistry
24. journal clinical and diagnostic research
25. journal of croat med
26. international of journal of pharma and bio science
27. arch oncol
28. Arch Environ contam toxicol
29. academy of general dentistry
30. Minerva stomatologica
31. international journal of odonto stomatology
32. new York state dental journal
33. Asian Pacific Journal of Cancer Prevention
34. Jeur Acad Dermatol venereal
35. Acta Medica

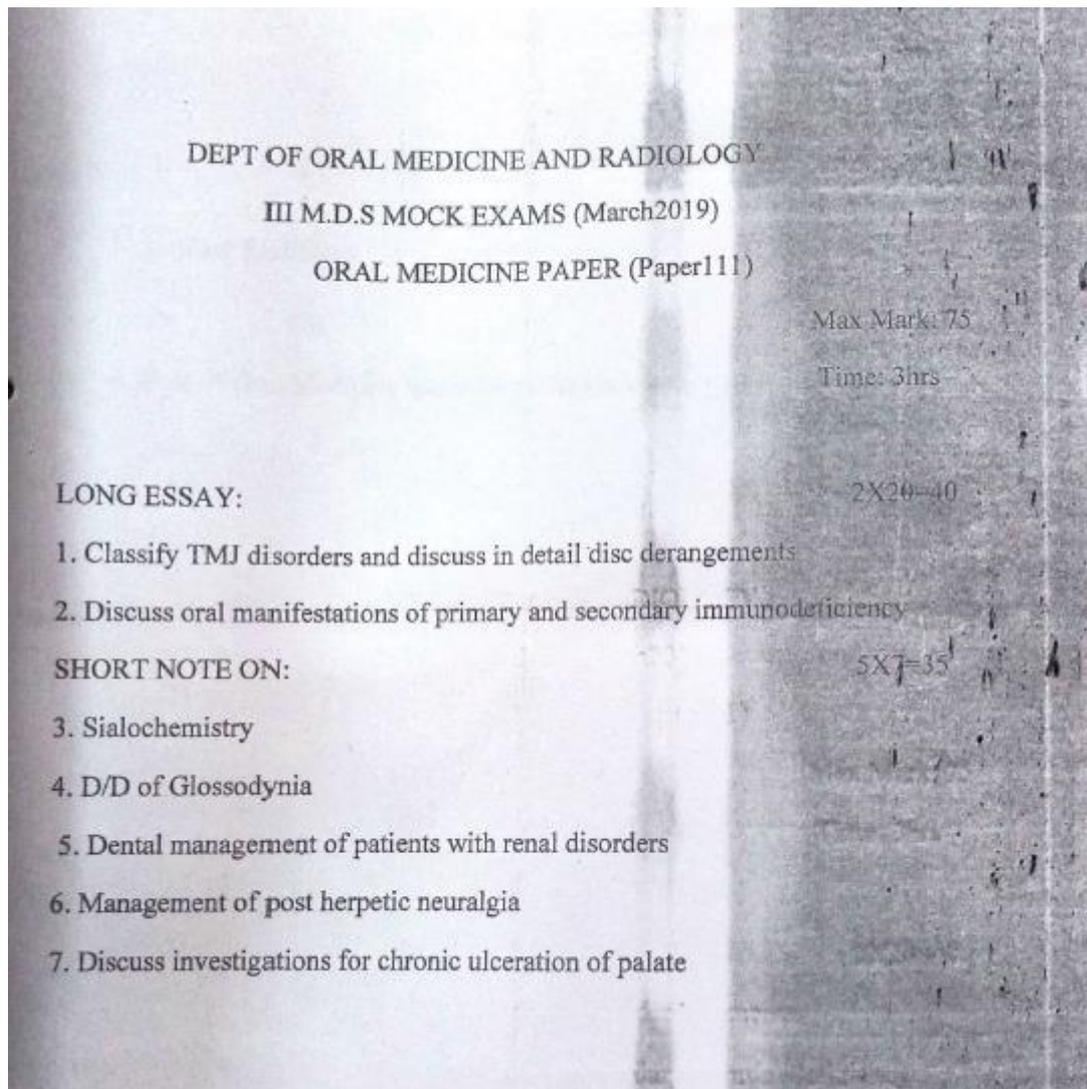
36. Clin Oral Invest

37. Arch Dermatol

38. Journal of pharmacy research

39. Acta odontol Scand

9. Internal Assessment Question paper & Scheme



1. Vision and Mission of the Institution

OUR VISION

Single window delivery of total oral health care needs
Total quality management in service and education
To train general, specialized and allied professional personnel to meet regional and national oral health care services
Work to contribute to global oral health care knowledge and skills
To impart knowledge and interact with organizations of similar interests
Be efficient, effective, community acceptable in education service and research
Fostering global competencies inculcating value system among learners
Promote use of technology of relevance.

'Excellence in education, oral healthcare, research and service to community.'

OUR MISSION

Learner centered dental education
Patient centered service
Community oriented research
Strong community relationship
Serve the underserved
Meet the regional, national and global dental education needs
Inter organizational linkage
Strategic future-oriented planning
Excellence in knowledge, skills and service
Professionalism in management
Open organizational climate.

2. Vision and Mission of the Department

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY



Vision

The vision of the department is to be nationally recognized center of excellence for patient care and services and exemplary education as well as research in orofacial diagnostic sciences.

Mission

The mission of is to advance the practice of medicine , improve patient care and promote scholarly activities . Central to this mission are the following :

- .To encourage and support the pursuit of high quality, leading-edge education and research.
- . To promote the dissemination of new knowledge in the management of oro-facial disorders.

3. Course Objectives and Course Outcomes

The postgraduate program comprises of:

- Conduct of seminars and journal clubs on a regular basis.
- Curriculum also includes documentation of case histories, case presentations, paper/poster presentations.
- Postgraduates are actively encouraged to conduct debates and adapt problem based pattern of modules.
- Periodic internal assessments are conducted for PGs for their theory as well as practical assessments.
- Based on their performance the advanced learners are encouraged to conduct more short studies, paper presentations, participate in table clinics quiz competitions, conducting undergraduate theory classes.
- Tiered assignments with shared content and themes are given to students. It gives all students a chance to share knowledge and ideas yet, at the same time, work at a level that is both academically challenging and comfortable. It also gives teachers the chance to teach more flexibly and to engage students' interests as well as meet their needs.
- Self evaluation is encouraged to understand students' strengths and weaknesses will helps them to improve in their areas of shortcomings and help others with their knowledge as well.
- These learning and teaching process have aided in academic excellence of not only advanced learners but also slow learners which is reflected in their performance.

Course objectives

MDS

OBJECTIVES:

The following objectives are laid out to achieve the goals of the course

A) KNOWLEDGE:

Discuss historical perspective to advancement in the subject proper and related topics.

- Describe etiology, pathogenesis, diagnosis and management of common periodontal diseases with emphasis on Indian population
- Familiarize with the biochemical, microbiologic and Immunologic genetic aspects of periodontal pathology
- Describe various preventive periodontal measures
- Describe various treatment modalities of periodontal disease from historical aspect to currently available ones
- Describe interrelationship between periodontal disease and various systemic conditions
- Describe periodontal hazards due to estrogenic causes and deleterious habits and prevention of it
- Identify rartiles in periodontal disease and environmental/Emotional determinates in a given case
- Recognize conditions that may be outside the area of his/her Speciality/ competence and refer them to an appropriate Specialist
- Decide regarding non-surgical or surgical management of the case
- Update the student by attending courses, conferences and seminars relevant to periodontics or by self-learning process.
- Plan out/ carry out research activity both basic and clinical aspects with the aim of publishing his/her work in scientific journals
- Reach to the public to motivate and educate regarding periodontal disease, its prevention and consequences if not treated
- Plan out epidemiological survey to assess prevalence and incidence of early onset periodontitis and adult periodontitis in Indian population (Region wise)
- Shall develop knowledge, skill in the science and practice of Oral Implantology
- Shall develop teaching skill in the field of Periodontology and Oral Implantology
- Principals of Surgery and Medical Emergencies.
- To sensitize students about Inter disciplinary approach towards the soft tissues of the oral cavity with the help of specialist from other departments.

B) SKILLS:

- Take a proper clinical history, thorough examination of Intra oral, extra oral, medical history evaluation, advice essential diagnostic procedures and interpret them to come to a reasonable diagnosis
- Effective motivation and education regarding periodontal disease maintenance after the treatment
- Perform both non-surgical & education regarding periodontal disease, maintenance after the treatment
- Perform both non-surgical and surgical procedures independently
- Provide Basic Life Support Service (BLS) recognizes the need for advance life support and does the immediate need for that.
- Human values, ethical practice to communication abilities

Syllabus

Paper II: Oral And Maxillofacial Radiology

Study includes Seminars/lectures/Demonstrations

1. History of radiology, structure of x-ray tube, production of x-ray, property of x-rays
2. Biological effects of radiation
3. Filtration of collimation, grids and units of radiation
4. Films and recording media
5. Processing of image in radiology
6. Design of x-ray department, darkroom and use of automatic processing units
7. Localization by radiographic techniques
8. Faults of dental radiographs and concept of ideal radiograph
9. Quality assurance and audit in dental radiology
10. Extra-oral imaging techniques
11. OPG and other radiologic techniques
12. Advanced imaging techniques like CT scan, MRI, Ultrasound & thermographic
13. Radionuclide techniques
14. Contrast radiography in salivary gland, TMJ, and other radiolucent pathologies
15. Radiation protection and ICRP guidelines
16. Art of radiographic report, writing and descriptors preferred in reports
17. Radiograph differential diagnosis of radiolucent, radioopaque and mixed lesions
18. Digital radiology and its various types of advantages

Paper III: Oral Medicine, therapeutics and laboratory investigations

1. Study includes seminars/lectures/discussion
2. Methods of clinical diagnosis of oral and systemic diseases as applicable to oral tissue including modern diagnostic techniques
3. Laboratory investigations including special investigations of oral and oro-facial diseases
4. Teeth in local and systemic diseases, congenital, and hereditary disorders

5. Oral manifestations of systemic diseases
6. Oro-facial pain
7. Psychosomatic aspects of oral diseases
8. Management of medically compromised patients including medical emergencies in the dental chair
9. Congenital and Hereditary disorders involving tissues of the oro-facial region
10. Systemic diseases due to oral foci of infection
11. Hematological, Dermatological, Metabolic, Nutritional, & Endocrinal conditions with oral manifestations
12. Neuromuscular diseases affecting the oro-facial region
13. Salivary gland disorders
14. Tongue in oral and systemic diseases
15. TMJ dysfunction and diseases
16. Concept of immunity as related to oro-facial lesions, including AIDS
17. Cysts, Neoplasms, Odontomes, and fibro - osseous lesions
18. Oral changes in Osteo - dystrophies and chondro - dystrophies
19. Pre malignant and malignant lesions of the oro-facial region
20. Allergy and other miscellaneous conditions
21. Therapeutics in oral medicine - clinical pharmacology
22. Forensic odontology
23. Computers in oral diagnosis and imaging
24. Evidence based oral care in treatment planning

Essential Knowledge

Basic medical subjects, Oral Medicine, Clinical Dentistry, Management of Medical Emergencies, Oral Radiology, Techniques and Inter-Operation, Diagnosis of Oro-facial Disorders

Procedural and Operative Skills:

(The numbers mentioned are minimum to be performed by each candidate)

1st Year

Observe, Assist, & Perform under supervision

1. Examination of Patient -Case history recordings -50

-FNAC&Biopsy -5 each

Observe, Assist, & Perform under supervision

2. Intra-oral radiograph
Perform and interpret -100

2nd year

1. Dental treatment to medically compromised patients

- Observe, assist, and perform under supervision

2. Extra-oral radiographs, digital radiography -25

- Observe, assist and perform under supervision

Operative skills:

1. Giving intra-muscular and intravenous injections

2. Administration of oxygen and lifesaving drugs to the patients

3. Performing basic CPR and certification by Red Cross

3rd Year

All the above

Performed independently - Case history: Routine cases -25 Interesting Cases-

25 Intra-oral Radiographs -100

Periapical view -50

Bitewing view -25

- Occlusal view -25

Extra-oral radiographs of different views -50 Monitoring Learning Progress

It is essential to monitor the learning progress to each candidate through continuous appraisal and regular assessment. It not only helps teachers to evaluate students, but also students to evaluate themselves. The monitoring to be done by the staff of the department based on participation of students in various teaching / learning activities. It may be structured and assessment be done using checklists that assess various aspects.

4. Timetable – Master, Class & Teacher Topic Timetable

**THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
THE OXFORD DENTAL COLLEGE
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY**

Academic time table for 3rd MDS

| Weekdays | 9: 00 am To 10:30 am | 10: 30am To 12:30 am | 12:30 pm To 1:00 pm | 1:00pm To 2:00 pm | 2:00 pm To 3:00 pm |
|------------------|---|--|---|---|-----------------------------------|
| Monday | 2 case presentations long case (CBL) and short case | Case screening / chairside discussions/ radiographic practice | L U N C H B R E A K | Laser excisions of mucosal lesions | Short presentations |
| Tuesday | III year MDS seminar presentation | Case screening / chairside discussions/ radiographic practice | | Excisional /incisional biopsies | Short presentations |
| Wednesday | III year MDS seminar / PBL | Case screening / chairside discussions/ radiographic practice | | Extra Oral practice and tracing | |
| Thursday | II and III year MDS journal club | Case screening / chairside discussions/ radiographic practice | | Age estimation | Short presentations |
| Friday | II year MDS seminar | Case screening / chairside discussions/ radiographic practice | | | |
| Saturday | II and III year MDS journal club | Case screening / chairside discussions/ | | | Short presentations |

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| | | radiographic practice | | Group discussion ----- | Short presentations |
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6. Teaching Methodologies

- Theory
- Discussion; case history & diagnosis
- Clinical training; case history, diagnosis, treatment options & planning

Learning Materials

- Health Education models
- Health Education charts
- Demonstrative models
- Flip charts
- Working models
- Computer software and Applications
- Flash Cards
- OHP projector
- Games and videos
- Smart Pen

Assignment

- Seminars
- Health Talk
- Charts
- Models
- Survey
- Powerpoints
- Essays

9. Study Material

ORAL MEDICINE AND RADIOLOGY

- a) Oral Diagnosis, Oral Medicine & Oral Pathology
- 1. Burkit-Oral Medicine-J.B.Lippincott Company
- 2. Coleman-Principles of Oral Diagnosis-McSby Year Book
- 3. Jones-Oral Manifestations of Systemic Diseases-W.B.Saunders company
- 4. Wood and Goaz-Differential diagnosis of Oral Lesions-Mosby Year Book
- 5. Langlais-Oral Diagnosis/Oral Medicine and Treatment planning Lea & Febiger & Waverly Co.,
- 6. Mitchell-Oral Diagnosis & Oral Medicine
- 7. Pindburg-Syndromes of the Head & Neck
- 8. Stones-Oral Diseases
- 9. Irwin Walter Scopp-Oral Medicine
- 10. Kerr-Oral Diagnosis
- 11. Miller-Oral Diagnosis & Treatment
- 12. Bennier-Differential diagnosis & Oral Lesions
- 13. Munford-Oral facial pain
- 14. Bell-Oral facial pain
- 15. Tullmen-Systemic diseases in Dental Treatment
- 16. Mean-Diseases of the Mouth
- 17. Hutchinson-clinical Methods
- 18. McCleods-Clinical Examination
- 19. Chamberlin-Symptoms & Signs of Clinical Medicine
- 20. Davidson-Principles and Practice of Medicine

21. Harrison-PrinciplesofInternsMedicine
22. Schweitner-OralRehabilitationproblemcases
23. Burkhardt-OralCancer
24. Dolby-OralMucosain Hearth&Diseases
25. Sonis.S.T,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
26. NallyF.F.andEggleston.D.J.-AManualofOralMedicine

27. Prabhu.S.R.etal-OralDiseasesin the Tropics
28. SamaranayakeL.Ret al-OralCandidosis

- b) OralRadiology

1. White&Goaz-OralRadiology -MosbyearBook
2. Weahrman-DentalRadiology-C.V.MosbyCompany
3. Stafne-OralRoentgenographicDiagnosis-W.B.SaundersCo.,
4. Langlairs-DiagnosticImagingoftheJaws-William& Wilkins
5. Smith-DentalRadiography-BlackwellScientificPublication
6. EricWhaites-essentialsofDentalRadiography-ChurchillLivingstone
7. Sonis.S.T.,Fazio.R.C.andFang.L-PrinciplesandpracticeofOralMedicine
8. MalamedS.F.-Book ofMedicalEmergenciesin theDental

9. Cawson.R.A.andScullyCM.-MedicalProblemsinDentistry
10. Pindborg.J.J.-Atlasofdiseasesoftheoral mucosa
11. LinchM.A.-ET'SOralMedicine,DiagnosisandTreatment

12. Dayal P.K.- Textbook of Oral Medicine

c) Forensic Odontology

1. Derek H. Clark- Practical Forensic Odontology- Wright

2. Cottone Standish- Outline of Forensic Dentistry

3. Whittaker- A colour atlas of Forensic Dentistry

JOURNALS:

The journals are best source of information for professionals to keep abreast with the recent developments and trends in their respective specialties. Considering the array of journals that are available today the council requires that the institutions provide as a minimum requirement the list of journals mentioned below:

Pertaining to Dental education and practice.

1. Journal of Indian Dental Association
2. British Dental Journal
3. Journal of American Dental Association
4. Journal of Dentistry
5. Dental Clinics of North America
6. Journal of Dental Education
7. Dental Abstracts
8. Journal of Dental Research
9. Dental Index'
10. Quintessence International

11. InternationalDentalJournal
12. AustralianDentalJournal
13. Journalofdentalmaterials
14. Journalofaestheticdentistry
15. Journalofcleftpalate

THE OXFORD DENTAL COLLEGE AND HOSPITAL

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

LIST OF DEPARTMENT LIBRARY BOOKS

| Sl no | Book name | Edition /year | Author | Library number |
|--------------|---|---------------------------------|---|---------------------------|
| 1 | Fundamentals of dental radiology | 1 st edition 1992 | Vimal Sikri | 0751 |
| 2 | Manual of dental therapeutics | 1 st edition 1993 | Raymond F Zambito | 0648 |
| 3 | Immunology of oral diseases | 3 rd edition 1992 | Thomas lochner | 0314 |
| 4 | A guide to dental radiology | 4 th edition 1998 | Rita mason, Sarah Bourne | 1367 |
| 5 | Dental management of medically compromised patients | 4 th edition 1993 | James W Little | 1081 |
| 6 | Oral radiology Principles & interpretation | 4 th edition 1997 | White & Pharoah | 1497 |
| 7 | An atlas of dental radiographic anatomy | 4 th edition 1994 | Kasle | 0370 |
| 8 | A text book oral pathology | 4 th edition 1997 | Shafer Hine Levy | 1545 |
| 9 | Colour atlas of oral medicine | 2 nd edition 1994 | Wilham R Tyldesley | 1195 |
| 10 | Internal medicine for dentistry | 2 nd edition 1990 | Louis F Rose, Donald Kaye | 1092 |
| 11 | Atlas of dental & maxillofacial radiology | 1 st edition 1995 | Roger M Browne Hugh D | 1197 |
| 12 | Principles of dental imaging | 1 st edition 1997 | Olaf E Langland Robert P Langlais | 1488 |
| 13 | Oral medicine in practice | 1 st edition 1991 | P J Lamey | 1087 |
| 14 | Differential diagnosis of oral lesions | 4 th edition 1991 | Wood & Goaz | 0306 |
| 15 | Burkitt's Oral Medicine, Diagnosis & treatment | 9 th edition 1998 | Malcolm Lynch, Vernon J Brightman, Martin S Greenberg | 1458 |
| 16 | Diagnostic picture tests in oral medicine | 1 st edition 18 | W R Tydesley | 1056 |

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|----|---|--------------------------|--|-------|
| 17 | Principles of oral diagnosis | | Garry C Coleman, John F Nelson | 0261 |
| 18 | Hand book of medical emergencies in dental office | 3 rd edition | Stanley M Malcolm | 0062 |
| 19 | Oral diseases in the tropics | | S R Prabhu,D F Wilson, D K Daftary | 1427 |
| 20 | Clinical medicine | 3 rd edition | Praveen Kumar. Micheal Clark | 1631 |
| 21 | Oral implantology | 3 rd edition | Andray Schroder, Franz suttes | 1421 |
| 22 | Essential immunology | 8 th edition | Iran Roitt | 0563 |
| 23 | Pathologic basis of diseases | | Robbins, Kumar | 1321 |
| 24 | Text book of microbiology | 5 th edition | Ananth Narayan | 1331 |
| 25 | Concise Medical Physiology | | Choudary | 1348 |
| 26 | Pathology & Surgery of salivary glands | | R A Cawson M J Gleeson | 01829 |
| 27 | Essentials of dental radiography & radiology | 3 rd edition | Eric Whaites | 02504 |
| 28 | Orofacial Pain | | Jeffrey P Okeson | 02505 |
| 29 | Burkitt's Oral Medicine, Diagnosis & treatment | 10 th edition | Greenberg, Glick | 02647 |
| 30 | Fundamentals of dental radiology | 2 nd edition | Vimal Sikri | 751 |
| 31 | A short textbook of oral radiology | | C.Anand Kumar | 03253 |
| 32 | Medical problems in dentistry | 5 th edition | Crispian Scully | 03249 |
| 33 | Cellular & molecular immunology | 5 th edition | Abdul .K.Abbas, Andrew.H.Lichtman | 3104 |
| 34 | Oral radiology principles & interpretation | 5 th edition | White & Pharoah | 02796 |
| 35 | Immunization digest | | A. Parthasarathy, M.R.Lokeshwar,Nitin Shah | 3144 |
| 36 | Oral & maxillofacial Infections | 4 th edition | Topazian Goldaberg | 3203 |
| 37 | Contemporary oral and maxillofacial pathology | 2 nd edition | Phillip Sapp & Eversole | |
| 38 | Infection control management of hazardous materials for the dental team | 3 rd edition | Chris.H.Miller, Charles John, Palenik | 3101 |

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| 39 | Burket's oral medicine diagnosis & treatment | 10 th edition | Greenberg ,Glick | 3020 |
| 40 | Textbook of oral medicine | | Anil govind rao ghom | 3129 |
| 41 | Dental management of the medically compromised patient | 6 th edition | James.W.Little | 3176 |
| 42 | Davidson's principles & practice of medicine | 19 th edition | Christopher haslelt ,John Hunter | 3033 |
| 43 | Monheim's local anesthesia & pain control in dental practice | 7 th edition | C.Richard Bennett | 3064 |
| 44 | Clinical virology in oral medicine & dentistry | | Crispian Scully &Lakshman Samaranayake | 00243 |
| 45 | Human anatomy | 4 th edition | B.D.Chaurasias | 03042 |
| 46 | Short practice of surgery | 24 th edition | Bailey & Love's | 2987 |
| 47 | Human embryology | 6 th edition | Inderbir Singh | 1678 |
| 48 | Pharmacology & pharmacotherapeutics | 19 th edition | R.S.Satoskar | 02957 |
| 49 | Oral & maxillofacial medicine | | Crispian Scully | 3510 |
| 50 | Differential diagnosis of diseases of oral mucosa | | Bengal Liveltmen/ Leovy | 03401 |
| 51 | Text book of Biochemistry | 22 nd edition | Harper | 00332 |
| 52 | Colour atlas of common oral diseases | 3 rd edition | Robert P Langlais | 3445 |
| 53 | Differential diagnosis of oral & maxillofacial lesion | | Wood & Goaz | 3514 |
| 54 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 03814 |
| 55 | Oral pathology clinic pathologic correlation | 5 th edition | Reqezi, Sembar | 4098 |
| 56 | Clinical examination | 11 th edition | Macleodi | 4168 |
| 57 | Oral diagnosis, oral medicine & treatment planning | 2 nd edition | Bricker | 4046 |
| 58 | Management of TMJ disorder & occlusion | 6 th edition | Jeffrey Okeson | 4195 |
| 59 | Chesney's radiographic imaging | 6 th edition | John Ball , TonyPrice | 4188 |
| 60 | Burkett's oral medicine | 11 th ₂₀ edition | Greenberg | 4185 |

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| 61 | Burkett's oral medicine | 11 th edition | Greenberg | 4184 |
| 62 | Hutchison's clinical method | 22 nd edition | Michael Swash | 4157 |
| 63 | CMDT 2008 | | Stephen.J.Mephee | 4175 |
| 64 | Shafer's textbook of oral pathology | 5 th edition | R.Rajendran | 4164 |
| 65 | Essential pathology for dental students | 3 rd edition | Harshmohan | 4100 |
| 66 | Essentials of dental radiography & radiology | 4 th edition | Eriq Whaites | 4093 |
| 67 | Technique of neurological examination | 5 th edition | William.E dedlyer | 4174 |
| 68 | Mannual on clinical surgery | 6 th edition | S.Das | 4156 |
| 69 | Tencates oral histology | 7 th edition | Antonia Nanci | 4155 |
| 70 | Colour atlas of dental medicine and radiology | | Friedrich Pasler | 3483 |
| 71 | Dental radiography principles & technique | 3 rd edition | Harings Laura | 4189 |
| 72 | Colour atlas of oral diseases | 3 rd edition | George Laskeris | 4047 |
| 73 | Principles of anatomy & physiology | 11 th edition | Tor-Tora | 4170 |
| 74 | Clarke's positioning in radiography | 12 th edition | Stewart Whitley | 4162 |
| 75 | TMJ & Craniofacial pain | Millenium edition | James Friction | 4092 |
| 76 | Fundamentals of physiotherapy | | Praveen Kumar | 4158 |
| 77 | Degruchis clinical haematology in clinical practice | 5 th edition | Frank Firkin | 4159 |
| 78 | Clinical outline of oral pathology, diagnosis & treatment | 3 rd edition | Eversole | 4193 |
| 79 | Pathophysiology of diseases | 5 th edition | Stephen & Ganong | 4161 |
| 80 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4165 |

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| 81 | Harisson's principles of internal medicine | 16 th edition | Harisson | 4166 |
| 82 | Essentials of pharmacology for dentistry | 1 st edition | K.D.Tripathi | 4101 |
| 83 | Stedman's of medical dentistry | 28 th edition | Stedman | 4167 |
| 84 | Oral maxillofacial pathology | 2 nd edition | Nevelle | 3376 |
| 85 | Oral development & histology | 3 rd edition | James. K.Avery | 004200 |
| 86 | Essentials of microbiology for dental students | | J.Bagg, A.J.Smith | 004199 |
| 87 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004279 |
| 88 | Dermatology in general medicine(vol-1) | | Fitzpatrick's | 004280 |
| 89 | Malignant tumors of the mouth, jaws & salivary gland | | J.D.Langdon, J.M.Henk | 004281 |
| 90 | Essentials of oral medicine | | Eversole, Silverman | |
| 91 | Brief atlas of skeleton surface anatomy | | Gerard.J.Toratora | 004171 |
| 92 | Pathologic basis of diseases | 7 th edition | Robbins & cotran | 3202 |
| 93 | Clinical periodontology | 10 th edition | Carranza | 4386 |
| 94 | Oral radiology principles & interpretation | 6 th edition | Stuart .C.White, Michael. J. Pharoah | 4391 |
| 95 | Concise medical physiology | 6 th edition | Sujit.K.Chaudari | 4624 |
| 96 | Orofacial pain & headache | | Yairsharon,Rafeal Benoliel | 4763 |
| 97 | Clinical oral physiology | | Timothy S. Miles,Birgetl Naentofle, Pelir Svensson | 4830 |
| 98 | Textbook of dental & maxillofacial radiology | | Freny.R.Karjodkar | 004930 |
| 99 | Textbook of oral pathology | 6 th edition | Shafer's | 5172 |
| 100 | Essential microbiology for dentistry | 3 rd edition | Laxman samaranayake | 5148 |

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| 101 | Oral diseases & disorders(differential diagnosis) | | S.R.Prabhu | 5188 |
| 102 | Clinical manual for oral medicine & radiology | | Praveen B.N. | 5185 |
| 103 | Oral medicine | | Sateesh chandra, Shaleen Chandra | 5182 |
| 104 | Radiography and radiology for dental care professionals | 2 nd edition | Eriq whaites | 5177 |
| 105 | Advances in pain research & therapy (vol- 21) | | James.R.Fricton | 5147 |
| 106 | Head & neck cancer(emerging perspective) | | John.E.Ensely | 5135 |
| 107 | Managing orofacial pain in practice | | Eamonn Merphy | 5055 |
| 108 | TMD's an evidence based approach to diagnosis & treatment | | Laskin | 5043 |
| 109 | Oral pathology & oral medicine | 8 th edition | Cowson's odell | 5312 |
| 110 | Medical emergencies in the dental office | 6 th edition | Malamed | 5434 |
| 111 | Principles of dental imaging | 2 nd edition | Olat E. Langland Robert B. Langlais | 3153 |
| 112 | Orofacial pain- from basic science to clinical management | 2 nd ed. | Barry J. Sessle Giller J. Lavigne , James , Ronald | 5508 |
| 113 | Oral and maxillofacial medicine | 2 nd ed. | Crispan scally | 5511 |
| 114 | Tyldesley's Oral Medicine | 5 th ed. | Anne field & Lesley longman | 5666 |
| 115 | Atlas of diseases of oral mucosa | 5 th ed. | J.J.pindborg | 5672 |
| 116 | Nutrition & oral medicine | | Riva tovger, David A. Sirois, Connie C. Motley | 5664 |
| 117 | Exercises in oral radiology & interpretation | | Robert P. Langlais | 5669 |
| 118 | Contemporary oral & maxillofacial pathology | 2 nd ed. 23 | J Phillip Sapp Lewis R Eversole | 5917 |

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|-----|--|-------------------------|---|-------|
| 119 | Sjogren's syndrome, rheumatic disease clinics of north america | | Steven E Carsons | 6042 |
| 120 | Dental management of medically compromised patient | 7 th ed. | Little & F alace | 5965 |
| 121 | Interventional head & neck imaging-neuroimaging clinics | | Suresh K. Mukherji | 6045 |
| 122 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6046 |
| 123 | Oral & maxillofacial clinics – salivary gland infection Vol.21, no.3 aug 2009 | | Micheal D. Turner Robert Glickman | 6067 |
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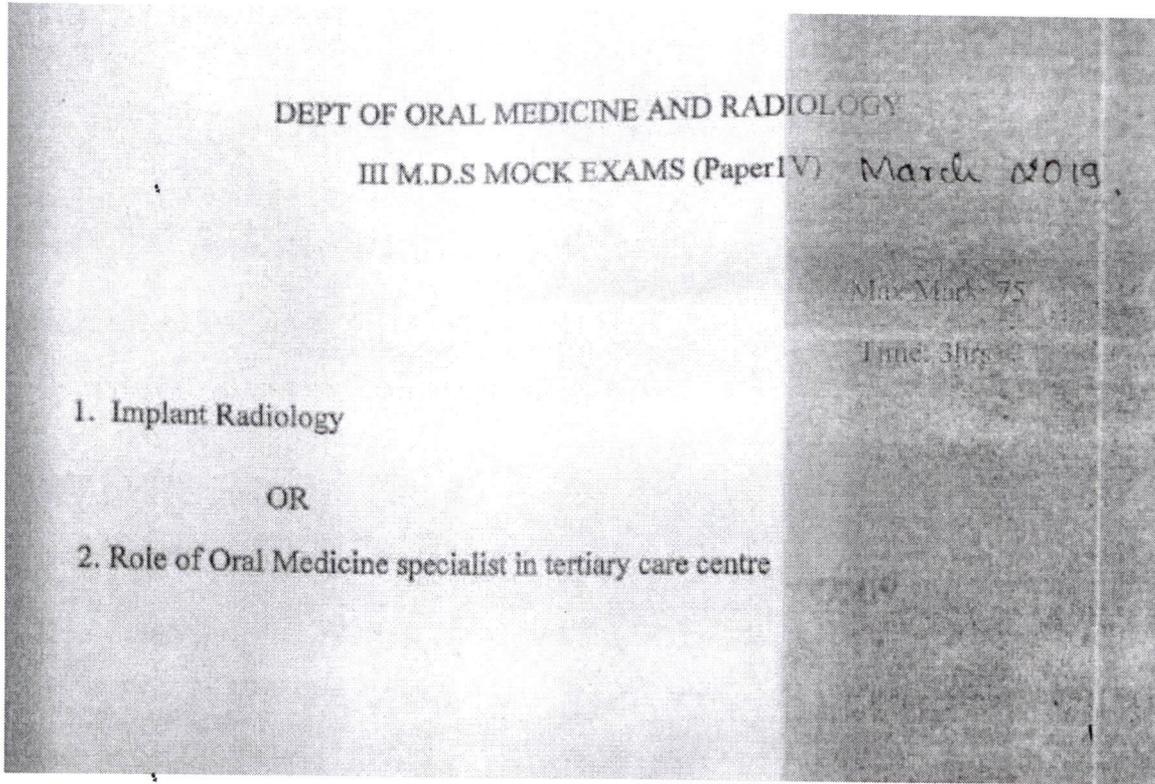
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