

KLE VK Institute of Dental Sciences, Belagavi

Course outcomes of Oral Medicine & Radiology

At the end of BDS Course the students should be able to:

1. Demonstrate adequate knowledge of common orofacial disorders with clinical features, diagnostic methods & medical management.
2. Perform comprehensive extraoral & intraoral examination, record findings, develop differential diagnosis & write a treatment plan for common orofacial disorders.
3. Assess influence of systemic diseases on oral health.
4. Demonstrate the proficiency in intraoral radiography following appropriate safety & protection measures
5. Demonstrate an understanding of clinical & radiographic aspects of forensic odontology.

Course outcome Public Health Dentistry

At the end of the course, student should be able to -

1. Recall and explain appropriate terminologies related to public health dentistry.
2. Evaluate the extent of common oral health problems in the community, identify risk groups and plan the appropriate preventive, promotive and curative methods.
3. Design the oral health education materials and application of the same to educate, create awareness and motivate the population to adapt the best oral health practice.
4. Understand and write the steps of research protocol, collect data, analyze and interpret the results and publish the scientific paper.
5. Record and interpret a comprehensive and contemporaneous patient history with emphasis on quantification of disease, investigation, diagnosis and treatment plan.
6. Treat all patients with equality, respect and dignity and incorporate current best practice guidelines.

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Course outcomes of Prosthodontics & Crown & Bridge

At the end of the course, student should be able to -

1. Recall and explain appropriate components and terminologies which include dental materials, Removable prosthodontics, fixed prosthodontics, maxillofacial prosthodontics and implant prosthodontics.
2. Identify various edentulous conditions; outline the different treatment modalities and treatment planning to restore missing dentition.
3. Refine and acquire the skills in the selection and manipulation of various dental materials and techniques related to rehabilitation of various missing oral and maxillofacial structures.
4. Familiarize with the prosthodontics instruments, materials, and various treatment protocols to rehabilitate missing oral and maxillofacial structures.
5. Adopt and excel innovation in various dental materials and innovative techniques in order to meet high quality prosthodontics demands of the patients.
6. Understand the steps of research and with protocol, collect, analyze and interpret data and publish scientific papers.
7. Incorporate dental ethics, honesty and integrity in various aspects of prosthodontics practices.

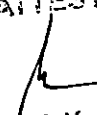
Course Out Comes of Oral Pathology and Microbiology

Course Out Comes of Dental Anatomy

At the end of the course, student should be able to -

1. State and utilize the appropriate terminology used in dental anatomy and oral histology
2. Integrate the knowledge regarding embryology and physiology of oral cavity for clinical application
3. Recognize and describe the morphology of deciduous and permanent dentition

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and relate it to clinical application

4. Describe the histology of normal oral structures
5. Explain laboratory techniques of oral biopsy tissue preservation (Hard and Soft)

Course Out Comes of Oral Pathology & Microbiology

At the end of the course, student should be able to -

1. Recall the appropriate definitions, terminologies related to pathologies affecting head and neck (Knowledge)
2. Describe the characteristics and manifestations related to diseases affecting the head and neck (Comprehension)
3. Integrate the understanding of systemic diseases with oral manifestations and correlate with systemic signs, symptoms and laboratory findings (Application)
4. Apply the knowledge related to basic principles and techniques in histopathology (Knowledge)
5. Describe the basic aspects of forensic odontology (Knowledge)

Course Out Comes of Oral and Maxillofacial Surgery

At the end of the course, student should be able to -

1. Define Indications And Contraindications of extraction of teeth
2. Incorporate pharmacological basis of Local anesthesia in oral Surgery
3. Be able to administer Local anesthetic nerve blocks
4. Be able to perform exodontia
5. Be able to evaluate, analyze, diagnose and categorize maxillofacial infections, pathology, trauma and deformities
6. Apply the knowledge of medical emergency drugs
7. Recognize and manage medical emergencies till help arrives
8. Have the knowledge to evaluate medically compromised patients and prioritize the treatment accordingly
9. Recognize the concept of sterilization and waste disposal

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10. Able to Appraise patients regarding morbidity and dysfunction associated with maxillofacial region and transfer such patients to specialist (Maxillofacial surgeon)
11. Incorporate ethical practice and demonstrate understanding of medico-legal issue and communication ability

Course Out Comes of Pedodontics & Preventive Dentistry

At the end of the course, student should be able to -


1. Apply knowledge of the scientific foundations on which pediatric dentistry is based and good understanding of various relevant scientific methods, principles of biological functions and able to evaluate and analyze scientifically various established facts and data.
2. Apply 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. Relate the knowledge of clinical disciplines and methods, which provide a coherent picture of anomalies, lesions and diseases of the teeth, mouth and jaws and execute appropriate preventive, diagnostic and therapeutic aspects of pediatric dentistry when presented with such a case.
4. Correlate the knowledge of biological function and behavior of children in health and sickness as well as the influence of the natural psychological and social environment on the state of health .

Ability to engage in ethical, independent, research and lifelong teaching

Course Outcome of Conservative Dentistry and Endodontic

At the end of the course, student should be able to -

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1. Recall and explain appropriate dental terminologies of Conservative Dentistry and Endodontics.
2. Identify etiology and pathophysiology of diseases of dental tissues in clinical diagnosis, prevention and treatment planning.
3. Develop skills in selection, manipulation & application of various restorative dental materials and dental instruments in clinical dental practice.
4. Familiarize with endodontic instruments, materials and techniques required to carry out simple Endodontic procedures.
5. Adopt innovations in materials and techniques to deliver high quality treatment to the patients.
6. Understand steps of research and right protocol, collect, analyze and interpret data and publish scientific paper
7. Incorporate ethical principles, honesty and integrity in various aspects of dental practice.
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Course Outcome of Orthodontics

At the end of the course, student should be able to -

1. Define, Understand the basics of growth and development, factors influencing and Clinical application of growth and development
2. Understand the dynamic interaction of biologic processes and mechanical forces acting on the Stomatognathic system during orthodontic treatment
3. Define, Identify, describe, classify malocclusion and differentiate it with normal occlusion and understand the etiology of malocclusion
4. Describe importance of various diagnostic aids and relate the findings by analyzing various cephalometric and model analysis to enable the students to diagnose and manage minor malocclusions requiring removable appliances
5. Prioritize and design an orthodontic treatment plan based on patients need

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Course outcomes of Periodontics

At the end of the course, student should be able to -

1. Define & explain the components of Periodontium
2. Analyze various etiological factors contributing to periodontal disease, diagnose them and incorporate group research on identified thrust areas on continual basis.
3. To develop non surgical treatment and oral hygiene maintenance protocol for patients, explain the same to them and render non surgical treatment.

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KLE VK INSTITUTE OF DENTAL SCIENCES

Program outcomes for BDS Curriculum

PO.1.Critical thinking: Acquire adequate basic knowledge, critical thinking and analysis skills for identifying relevant and appropriate dental, oral and craniofacial conditions.

PO.2. Patient care: Evaluate and apply the principles of an evidence based approach to clinical care and decision making necessary for patient care to provide preventive, promotive, curative, palliative and holistic oral health care with compassion.

PO.3.Communication and interpersonal skills: Communicator with patients, families, colleagues and community. Possess sufficient knowledge to communicate information using technologies available in contemporary dental practice.

PO.4. Modern tool and ICT usage: Learn, select, and apply appropriate methods and procedures, resources, and modern dental education and patient management-related computing technical tools with an understanding of the limitations

PO.5. Leadership: Leader and member of the health care team and system with capabilities to collect, analyze, synthesize and communicate dental health information appropriately.

PO.6. Lifelong learner and researcher: Lifelong learner committed to continuous improvement of skills and knowledge. Self access and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

PO.7.Professionalism and ethics: Professional, who is committed to excellence, is ethical, responsive and accountable to patients, community and profession.

Prof (Dr) V. A. Kothiwale
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