

SECTION-4A
CHAPTER-2
4A.2. PERIODONTOLOGY

4A.2.1.a AIMS:

The dental graduate during training in the institution should acquire adequate knowledge, necessary skills and attitude which are required to perform diagnosis of periodontal diseases and render periodontal therapy and maintenance of the same.

The graduate should also understand the concept of preventive periodontics and should be able to participate in health care delivery programs.

4A.2.1.b OBJECTIVES:

The Students shall acquire the necessary knowledge and skills to perform Dental scaling diagnostic tests and use various instruments for periodontal therapy and its maintenance

I Knowledge & understanding:

Student should have knowledge regarding etiology pathogenesis, diagnosis and management of common periodontal diseases with emphasis on Indian population.

Basic knowledge regarding biochemical, microbiology, immunologic and genetic aspects of periodontal pathology.

Knowledge regarding various treatment modalities of periodontal diseases from historical aspect to present with emphasis on newer advances like LASERS, Microsurgery and Piezosurgery.

Knowledge regarding various preventive periodontal procedures.

Basic Knowledge regarding interrelationship of periodontal diseases and systemic conditions and its effect on pathogenesis and treatment planning.

Knowledge regarding periodontal hazards of deleterious habits and its prevention.

Knowledge of decision making regarding surgical and non surgical periodontal therapy.
Brief knowledge, understanding and skills regarding art and science of oral Implantology.

II Skills:

Take a proper clinical history and thorough examination of extra oral and intra oral structures with special emphasis on gingiva and periodontal tissues.

Medical history evaluation and advising essential diagnostics test and its interpretation.

Skills regarding basic life support and management of medical emergencies in dental practice.

Following appropriate infection control protocol and asepsis.

Skills regarding use of various surgical and non surgical periodontal instruments.

Application of knowledge regarding chair position and principles of instrumentation.

Skills of sharpening blunt periodontal instruments.

Skills in use of ultrasonic scalers.

Skills to use R.V.G. and its interpretation.

III Attitudes:

The students should develop attitude to impart periodontal preventive measures for causation and progression of periodontal diseases.

Students should develop an attitude to perform the treatment with full aseptic precautions.

Develop an attitude to prevent iatrogenic diseases.

Attitude to conserve the tooth to maximum possible time by maintaining periodontal health.

Attitude to understand one's limitation and timely referral to a specialist.

4A.2.1.c OUTCOMES:

-Students should be able to independently record case history of a periodontal patient.

-Student should be able to determine diagnosis, prognosis and make a treatment plan.

-Student should be able to perform scaling and root planning and local drug delivery.

-Student should be able to render supportive periodontal care after active periodontal treatment is completed and motivate the patient to this effect.

Student should be able to make a judicious choice regarding referral about cases beyond his/her competency.