



مفردات المقررات لقسم طب الأسنان المستوى الخامس

1) Basic life support

1. Ensure that basic life support level patient care is performed in a safe, efficient, appropriate and Timely manner.
2. Provide a measure of protection for patient receiving service and individual providing service.
3. Make the student able to analyze the rational basis for decision-making and judgments.
4. Assist less experienced or recent graduate in developing and focusing decision-making skills
5. Enable the student to evaluate the fair and objective basis for assessment of performance.

2) CCP

The objective of the course is to ascertain that each student in the final year provides quality General dental care to the patient. The course would therefore provide more opportunities for Students to practice interdisciplinary comprehensive and longitudinal care to as many patients as Possible.

By the end of this course, the students should be able to:

1. Diagnose conditions of the oral cavity and its related structures using proper diagnostic tools.
2. Develop a comprehensive treatment plan for the prevention and treatment of oral conditions So that each patient can be maintained at, or restored to, a healthy and functioning aesthetic Condition .
3. Perform competently all preventive and therapeutic procedures which are expected to be Performed by a general dentist.
4. Improve their patient management skill.
5. Develop their evaluation and assessment of the dental problems of patients as a whole.
6. Improve their ability to envisage and predict clinical success in the management of patient

3) Dental education

by the end of the course the students will be able to:

1. Explain the methods employed to motivate patients to practice proper oral hygiene and Dental prophylaxis.
2. Describe tile anticipated dentist patient behavioral interactions.
3. Discuss occupational and environmental hazards in dentistry.
4. Discuss guidelines for nutritional counseling and diet modification.
5. Develop an individual program of oral health care for the child patient
6. Work as a team member in preparing topics related to dental education.

4) Dental public health

This course aims to:

1. Graduate dentist should understand the health care system in which they will work.



2. Evaluate social and economic trends and their impact on oral health care.
 3. Describe and understand the prevalence of oral disease in adult and child population.
 4. Graduate dentist should be able to demonstrate and understand the principle and importance of health promotion, health education and prevention in relation to dental disease, how these principles are applied and the system of delivery of health care with special reference to oral health care.
 5. Understand the broad principles of scientific research and evaluation evidence that are necessary for an evidence-based approach to dentistry.
 6. Knowledge and understanding of principles and importance of health promotion, health education and prevention in relation to dental disease, and how these principles are applied.
- 5) Dental therapeutics
1. Teach the students the knowledge about the drug prescription.
 2. Provide the students with the skills to interrelate drugs with specific age and special health conditions.
 3. Teach the students to be able to describe drugs for special medical cases related to dentistry.
 4. Support the students with the skills to be aware about the side effects of specific drugs.
 5. Enrich the students with the knowledge about therapeutics used in dental field.
- 6) Forensic dentistry

On completion of the course, the student has knowledge about Identification of the living or The deceased which include:

1. Bitemark identification, analysis, and comparison
 2. Lip print identification, analysis, and comparison
 3. Rugae print identification, analysis, and comparison
 4. Patterned injury identification, analysis, and comparison
 5. Identification of dental specimens at a crime scene or elsewhere
 6. Evaluation of oro-facial trauma and compensation
- 7) Maxillo facial prosthodontic
1. Provide the student with the basic knowledge about the intra oral maxillofacial science
 2. Provide the student with basic background about the general that can be restored with maxillofacial Prosthesis
 3. Provide the students with more advanced current and updated information and sufficient theoretical Background to assist them in managing maxillofacial prosthodontic cases
 4. Prepare the students for the clinics to be familiar with all clinical and laboratory steps in obturator and How to manage maxillofacial prosthodontic patients
 5. Learn how to communicate with other professionals especially dental technicians by the work Authorization.
- 8) Oral and maxillo facial surgery
1. Knowledge and understanding of the general health status and systemic diseases of the patients, how to manage them and how to do a proper treatment plan with supervisor ' assistance.



2. Acquisition of student, the technical skills for administration of all types of local anesthesia. And the knowledge of The different proper local anesthetic and simple teeth extraction instruments and complications with their Management.
 3. Study, diagnosis and evaluation of unerupted and impacted teeth and their management, also knowledge of flaps, Types, designing, reflection and bone removal.
 4. Knowledge and understanding of the acute (dental, oral, bone, jaws and neck) infections, their differential diagnosis And management.
 5. Knowledge and evaluation for all types of (oral, jaws and neck) cysts and tumors, their differential diagnosis and Management.
 6. Knowledge of prescription of antibiotics, analgesics, types, doses, indications, contraindications.
- 9) Orthodontics 2
1. Enable the students to learn the basic clinical knowledge of diagnosis and therapy.
 2. Diagnose and manage Class 1, 11/1, 2 and 111 types of malocclusion.
 3. State the correct treatment of dental cases.
 4. Insert and remove removable appliance.
- 10) Pedodontics 2
- This Course aims to:
1. Learn. The student how to assist the child medical and dental history, type of behavior, Occlusion, soft tissue, various lesions and radiographic interpretation.
 2. Teach the student how to manage the oral health of children and adolescents and perform treatment for them in a manner that incorporates consideration for their expected growth And development, involving parents or guardians as required.
 3. In pediatric dentistry students should have a continuous responsibility for the care of Number of children in order to assess their overall needs, the efficacy of preventive Measures, their behavior, and management and restorative treatment.
 4. Provide student the knowledge how to manage children requiring emergency care, carry out diagnostic procedures in such circumstances, formulate treatment plans and relate them to comprehensive dental care for children.
 5. To learn student how to Practice restorative dentistry for children which include employment of behavior management aid, application of local anesthesia, rubber dam Placement, amalgam and resin restoration, stainless steel crown, pulpal procedures for Primary and young permanent teeth, extraction of primary teeth
 6. Provide the student knowledge and understanding how to manage any space result from Premature loss of primary teeth through appliances.
 7. Demonstrate abroad knowledge base of the long-term management of patients who had Dental trauma, including appropriate timing of endodontic procedure and the restorative And orthodontic option for managing a traumatized dentition.



8. To learn student how to practice and manage the oral health with special needs who have Impairment or disabilities and those who may be socially excluded and diagnosis And Treatment the dental conditions and anomalies associated with the col Presenting Impairments for example ,delayed eruption , periodontal disease ,microdotia , hypodontioa And early Childhood caries with the practicing of providing dental care under conscious Sedation as operator -seditonist under supervision

11) Periodontology 2

This course aims to:

- 1-Identify the different types of periodontal treatments.
- 2-Make the proper diagnosis.
- 3-Differentiate between different types of periodontal disease.
- 4-Know and understand systemic condition and environmental factors and its implication On periodontal disease management and prevention.
- 5-Identify all suitable systemic medications commonly used in penodontology and their side effects
- 6-Identify the treatment strategies and how they meet periodontal health goals.

12) Preventive dentistry

This course aims to:

1. Introduce the student to the theoretical foundations of preventive and therapeutic oral Health services used in the dental hygiene process.
2. Provide students with theoretical and clinical experience in the area of preventive and Public health dentistry.
3. Assist the student in providing individualized patient oral hygiene education focused on Reducing risk for oral cancers, caries, periodontal diseases and other systemic conditions.
4. Learn the students how to connect between the basic science foundation and the clinical Application of preventive dentistry and nutritional sciences.
5. Explain to the student how to apply full knowledge and skills that lead to correct diagnosis And preventive treatment of oral diseases.

13) Prosthetic rehabilitaion

Course Aims are to ;

1. Prepare students to be dental practitioners on the types of implants prosthesis fabrication.
2. Provide students with the information of utilizing prosthetic appliances constructed on implants Abutment.
3. Provide the students with advanced prosthetic implants training and updated information.
4. Learn the students how to communicate with other professional, especially dental technicians by the Work authorization.



14) Psychology

1. provide the students with the knowledge about how to make a correct assess of the patient's psychological and Emotional needs .
2. Make student able to devise a personalized behavior management program based on behavior assessment data.
3. Make the student able to utilize a variety of behavior assessments modalities that include verbal and nonverbal Communication.
4. Support the student with the knowledge about designing behavior management program to lessen and or Ameliorate anxiety, conflict and aversive behavior in all of phase treatment.

15) TMJ disorders

This course aims are to give the students:

1. An idea about static and dynamic relations that exists between the maxilla and mandible as well as the Mechanisms of mandibular motion.
2. An idea of the normal tooth to tooth relationships, in other words the various occlusal schemes.
3. A full description and understanding of the anatomy as well as fraction of the temporomandibular joint TMJ (i.e. muscles involved, motion, anatomy, etc.). In addition special attention is given to the clinical Examination of the system as well as the signs and symptoms occurring in cases of TMJ disorders.
4. An illustration of the scientific basis for the use of articulators and face bow registration to help in the Diagnostic evaluation of occlusion and treatment planning.