



# **Dental Internship Field Training Program Specification**

**Faculty of Oral and Dental Medicine  
Egyptian Russian University  
2019**



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## **Introduction:**

Dental graduates of the Faculty of Oral and Dental Medicine, Egyptian Russian University who have finished their Bachelor Degree are obligated to finish a mandatory 12 month of Internship Field Training Program to obtain the license as General Dental Practitioner issued by Egyptian Dental Syndicate.

The internship program enhances graduates' knowledge, skills, and attitudes in general dentistry, treatment planning, and decision-making, preparing them for professional practice in diverse job markets.

## **1. Basic Information:**

**Program Title:** Dental Internship Training Program

**Duration:** The dental internship field-training program is a mandatory year (12 months). At least three rotations (3 months) should be spent in the dental clinics of Faculty of Oral and Dental Medicine, Egyptian Russian University. One rotation of Comprehensive Dentistry is mandatory.

## **2. Regulations for enrollment and program completion:**

- Intern Enrollment: The Department of Student and Alumni Affairs ensures that the student must meet the graduation requirements which are; 191 credit hours and a CGPA of more than 2.
- The intern is directed through the academic advisor to Student and Alumni Affairs to determine the time period for training in the Faculty of Oral and Dental Medicine, Egyptian Russian University after the approval of the Dean.
- The intern is directed to training outside the Faculty of Oral and Dental Medicine, Egyptian Russian University through the Department of Student and Alumni Affairs, where the intern is directed to the training destination approved by the faculty such as the Ministry of Health or the General Authority for Hospitals and Educational Institutes or public universities hospitals or training centers.



- Interns are supervised during the training period outside the faculty through the Training Management Committee.
- Interns must successfully complete the specified internship field training year with satisfactory results

### **3. Program objectives and aims:**

**The overall objective of the Dental Internship Training Program** is to train the fresh dental graduates to be independent, clinically-competent and ethically-principled dental practitioners. It also assists the graduates to recognize their fields of interest by being exposed to the different dental specialties.

#### **The main aims of the Dental Internship Training Program are:**

1. Prepare the intern to be self-dependent during performing various dental treatments
2. Develop ethical, compassionate, confidence and professionalism skills in the interns.
3. Enhance the clinical skills of the interns in diagnosis, treatment planning, management of various cases and proper documentation of patient's record in accurate forms.
4. Improve communication skills of the intern with patients, colleagues, assistants and supervisors.
5. Respect the patients regardless of their socio-economic status and volunteer in community services
6. Maintain infection control regimen to establish a safe clinical environment.
7. Develop a life-long learning capabilities of intern.
8. Recognize the medio-legal aspects of the dental profession
9. Further improve the scientific knowledge of the interns



#### **4. Program Intended Learning Outcomes (PILOs):**

On completion of the program, the intern will be able to:

##### **A. Knowledge and Understanding:**

- A1. Recall old knowledge to improve their dental practice.
- A2. Identify the basics of scientific research for life-long self-learning.
- A3. Recognize the importance of oral health care practice.
- A4. Recall the basics for promoting oral health care.
- A5. Identify the infection control and cardiopulmonary resuscitation of the dental profession.
- A6. Distinguish the medico-legal and ethical aspects of dental practice.
- A7. Recite various behavioral management techniques for different cases
- A8. Identify the role of chemical ingredients in prescribing drugs
- A9. Distinguish the important anatomical landmarks in the dental and maxillofacial field

##### **B. Intellectual Skills:**

- B1. Interpret the findings from the performed investigation and oral radiograph to reach the right diagnosis. (C12)
- B2. Select the appropriate clinical decisions based on the diagnosis of the case(D6)
- B3. Formulate a proper treatment plan for each case. C1,5-D2,9
- B4. Integrate the basic and clinical sciences with dental practice needed
- B5. Select the appropriate dental materials to deliver the highest quality dental treatment
- B6. Select proper dental instruments to provide the best dental treatment
- B7. Predict the cases which may necessitates consultation or referral (B1)



- B8. Evaluate the health hazards of different medications on dental practice
- B9. Design suitable fixed and removable partial dentures depending on existing oral conditions
- B10. Formulate periodontal diagnosis, prognosis and treatment plan for different periodontal conditions
- B11. Differentiate different suitable preventive and corrective measures for various risk patients

### **C. Professional and Clinical Skills:**

- C1. Diagnose the common pathological conditions
- C2. Perform a systematic oral and dental examination and diagnosis (B1)
- C3. Perform competence in various dental restorative procedures such as different dental cavity preparations, different crown preparations and root canal therapy.
- C4. Perform competence in various dental procedures such as scaling and root planning, minor oral surgical procedure
- C5. Management and treatment of pediatric and geriatric patients.
- C6. Apply infection control and cardiopulmonary resuscitation regimen. (C9)
- C7. Prescribe appropriate drugs or oral health regimens suitable to the case (C15)
- C8. Mastering administration of different techniques of local anesthesia
- C9. Perform competence in various prosthetic treatment modalities.
- C10. Perform basic life support measures.
- C11. Apply clinically all available extra-oral and intra-oral radiology to the diagnostic process.
- C12. Compose a list of tentative diagnosis, differential diagnosis and treatment for oral and para-oral lesions



#### **D. General and Transferrable Skills:**

- D1. Communicate well with patients
- D2. Respect towards all dental team members
- D3. Accepting guidance and willing to learn new skills
- D4. Demonstrate effective team working skills

#### **5. Content:**

Topics are taught according to the department

#### **6. Teaching and learning methods:**

- 1. Clinical practice:

<b>Department</b>	<b>skills</b>
<b>Department of Oral Diagnosis, Oral Medicine and Periodontology</b>	<ul style="list-style-type: none"><li>• Obtain an accurate dental and medical history.</li><li>• Carry out complete extra-oral and intra-oral examinations with evaluation of dental status of patients.</li><li>• Assess occlusal relationship, abnormalities and harmful damaging habits.</li><li>• Carry out an accurate assessment of systemic diseases and their effect on oral and dental health.</li><li>• Explain in details the clinical findings and diagnosis to the patient and plan of management.</li><li>• Refer patient to the appropriate department according to the diagnostic needs.</li><li>• Carry out periodontal assessment.</li><li>• Explain to the patient in detail the need for good periodontal health.</li><li>• Perform proper scaling using ultrasonic scaling and root planning procedures when required. (Using manual supra and sub-gingival scaling techniques)</li><li>• Plan of future out-patient visits.</li></ul>

<b>Department of Oral Surgery</b>	<ul style="list-style-type: none"> <li>• Carry-out simple non-surgical teeth extraction</li> <li>• Perform Surgical extractions of badly decayed &amp; broken teeth</li> <li>• Manage non-complex wisdom teeth odontectomy</li> </ul>
<b>Department of Conservative Dentistry</b>	<ul style="list-style-type: none"> <li>• Distinguish and diagnose different preventive/restorative and esthetics problem in various clinical conditions.</li> <li>• Learn about stabilization of oral rehabilitation conditions</li> <li>• Select the appropriate treatment plan for different clinical situations</li> <li>• Detect and assess clinically dental caries.</li> <li>• Assess the caries risk and predict dental caries</li> <li>• Manage dental caries by modifying the patient oral hygiene condition through (increase patient awareness, modifying dental plaque biofilm, modifying his/her consumptions of cariogenic diet).</li> </ul>
<b>Department of Endodontics</b>	<ul style="list-style-type: none"> <li>• Perform proper diagnosis, pain management control</li> <li>• Able to define and recognize case difficulty during his assessment prior to treatment.</li> <li>• Provide proper access cavity preparation for each case with proper use of instruments and devices.</li> <li>• Apply rubber dam to have proper isolation during endodontic treatment.</li> <li>• Perform accurate measures for management of endodontic emergencies.</li> <li>• Prescribe therapeutics as systemic administration of drugs for different conditions and pretreatment medical referral for those cases.</li> <li>• Determine different etiologies of failure and methods for non-surgical retreatment.</li> <li>• Perform root canal treatment for single and multi-rooted teeth using the most advanced techniques</li> </ul>



<b>Department of Fixed Prosthodontics</b>	<ul style="list-style-type: none"> <li>• Collect data from the patient’s history, interpret radiographic findings, and reach proper clinical examination</li> <li>• Revise principles of tooth preparation through practicing different preparation designs (full coverage restorations, laminate veneers, post/core restoration).</li> <li>• Plan for re-treatment cases</li> </ul>
<b>Department of Prosthetic Dentistry</b>	<ul style="list-style-type: none"> <li>• Evaluate residual ridges for supporting &amp; retaining partial and complete dentures.</li> <li>• Plan, design and perform steps for construction and fabrication of partial, complete and over dentures.</li> <li>• Assess, maintain and deliver partial &amp; complete dentures.</li> <li>• Plan routine check-ups for assessment of dentures and tissues for the prevention or reduction of inflammation &amp; bone loss.</li> <li>• Reline dentures for relief of trauma when needed.</li> </ul>
<b>Department of Pediatric Dentistry</b>	<ul style="list-style-type: none"> <li>• Apply techniques for child behavior management and relief of fear &amp; anxiety.</li> <li>• Assess dental and skeletal occlusal relationships in the primary, mixed &amp; permanent dentition accurately.</li> <li>• Identify cases which may require further specialist therapy.</li> <li>• Extract primary teeth.</li> <li>• Restore primary &amp; young permanent teeth including any necessary pulp therapy (pulpotomy – pulpectomy).</li> <li>• Provide stainless-steel crowns when necessary.</li> <li>• Provide sealants and other preventive resin restorations.</li> </ul>
<b>Department of Radiology</b>	<ul style="list-style-type: none"> <li>• Perform radiological examinations according to the diagnostic needs (panoramic x-rays, periapical and</li> </ul>

	<p>bitewing x-rays) and correct processing of films (automatic and manual processing)</p> <ul style="list-style-type: none"> <li>• Clinically interpret radiological findings.</li> </ul>
<b>Comprehensive Dentistry Round</b>	<ul style="list-style-type: none"> <li>• Establish a comprehensive patient's history and diagnose patients using proper clinical and radiographic techniques with appropriate interpretation of the findings.</li> <li>• Formulate and design comprehensive treatment plans.</li> <li>• Competent in selecting and using the appropriate dental materials to restore prepared tooth structure.</li> </ul>

2. Lectures/Tutorials are provided by different departments in the Faculty of Oral and Dental Medicine, Egyptian Russian University.
3. Seminars, case-reports, presentations and research assignments presented by the interns according to the departmental requirements
4. Workshops (Infection control and cardiopulmonary resuscitation) as requirements for the accomplishments of the internship year.

## 6. Assessment methods:

Assessment method	Time of Assessment
Internship student attendance in different departments	At the end of each rotation
Supervisor's evaluation (Evaluation checklist form)	At the end of each rotation
Clinical Requirements	At the end of each rotation

## 7. Resources:

Internship Comprehensive clinic	24 units
Pedodontics clinic	7 units
Continuous education clinic 1	9 units
Continuous education clinic 2	6 units



Sterilization Unit I	2 Autoclaves
Sterilization Unit II	6 Autoclaves
Sterilization Unit III	5 Autoclaves
Digital Panoramic + Cephalometry Machine	1
Periapical X-ray machine	1
Implant Motor	1
Seminar Hall	133 Chairs

## 8. List of References

According to the Department

## آلية إدارة وتنظيم والإشراف على التدريب الميداني (الامتياز) الداخلي

**البند الأول:** تقوم لجنة متابعة التدريب الميداني (الامتياز) الداخلي بتطبيق آلية إدارة وتنظيم والإشراف على التدريب الميداني

تتكون لجنة متابعة التدريب الميداني (الامتياز) الداخلي من:

- مدير برنامج الأمتياز
- أعضاء اللجنة
- إدارة شؤون الطلاب والخريجين

**البند الثاني:** مهام عمل لجنة متابعة التدريب الميداني (الامتياز) الداخلي:

- التأكد من استيفاء الطالب لشروط التخرج وهي 191 ساعة و CGPA أكثر من 2 من خلال إدارة شؤون الطلاب والخريجين
- يتم توجيه الطالب من خلال إدارة شؤون الطلاب والخريجين لتحديد الفترة الزمنية الخاصة بالتدريب داخل الكلية ويتم توزيع أطباء الامتياز في الفترات المختلفة بالتدريب داخل الكلية بعد موافقة عميد الكلية.
- يتم تقييم التدريب الميداني داخل الكلية من خلال حضور الطالب داخل الكلية - تقييم عضو هيئة التدريس المشرف على الطالب - المتطلبات العملية
- يتم توجيه الطالب للتدريب خارج الكلية من قبل إدارة شؤون الطلاب والخريجين لجهة التدريب من الجهات المعتمدة من الكلية مثل وزارة الصحة او من جهات اخري مثل الهيئة العامة للمستشفيات والمعاهد التعليمية من خلال خطاب توجيه
- يتم تقييم التدريب خارج الكلية من خلال افادة من جهة التدريب للطالب عن الفترة الزمنية للتدريب

**البند الثالث:** يعرض التشكيل واليات العمل على مجلس الكلية للاعتماد

اعتماد بمجلس الكلية رقم (50) بتاريخ (2019-10-13)







مصفوفة توافق بين أساليب التدريس والتعلم مع نواتج التعلم المستهدفة للطلاب

Dental Internship program ILOs	Teaching and Learning Methods				
	Clinical Practice	Lectures/Tutorials	Seminars, case-reports, presentations and assignments	Workshops	
<b>A. Knowledge and understanding</b>					
A1		✓			1
A2			✓		1
A3		✓	✓		2
A4	✓	✓			2
A5		✓	✓	✓	3
<b>B. Intellectual Skills</b>					
B1	✓	✓		✓	3
B2	✓	✓	✓		3
B3	✓		✓		2
B4	✓	✓	✓		3
B5	✓	✓	✓		3
B6	✓	✓	✓		3
B7	✓	✓	✓	✓	4
<b>C. Professional and Clinical skills</b>					
C1	✓	✓			2
C2	✓	✓			2
C3	✓	✓			2
C4				✓	1
C5	✓	✓			2
<b>D. General and Transferable skills</b>					
D1	✓				1
D2	✓				1
D3			✓		1
D4			✓		1
	14	14	11	4	

تم اعتماد المصفوفة بمجلس الكلية رقم (50) بتاريخ (13-10-2019)