

Internship Dental Program Specification (Field Training) 2015

1. Basic Information:

1- Program Title: Internship Program

2- Program Type: Single

3- Departments:

- Clinical departments in Faculty of Oral and Dental Medicine or in the Ministry of Health: Fixed Prosthodontics, Removable Prosthodontics, Operative Dentistry, Endodontics, Oral Surgery, Pediatric Dentistry and Dental Public Health, Oral Medicine, Diagnosis and Periodontology.

4- Coordinator: Prof. D. Kariman Al-Sodany

5- External Evaluators: not implemented yet

6- Last date of program specification approval: October 2014

2. Professional Information

1. Program Aim:

To graduate proficient general dentist trained beyond the level of undergraduate education by improve dental intern's knowledge, skills and attitude in the practice of different clinical aspects of general dentistry, treatment planning, decision-making, emergency management as well as recognition and dealing or referral of complicated cases.

2. Program Intended Learning Outcome

A- Knowledge and Understanding:

By the end of the internship dental program every graduate will be able to:

A1- Review recent advances related to clinical aspects regarding management and treatment.

A2- Recognize systemic disorders with oral manifestations.

A3- Describe concepts of basic life support.

A4- List measures for infection control.

A5- Demonstrate general aspects of ethics and medico-legal considerations relevant to dentistry.

B- Intellectual Skills:

By the end of the internship dental program every graduate will be able to:

B1- Develop the analytical skill to solve clinical problems.

B2- Differentiate between similar pathological conditions.

B3- Design proper treatment planning.

B4- Select the appropriate treatment option.

B5- Decide when there is need for referral to a specialist.

C- Professional Skills:

By the end of the internship dental program every graduate will be able to:

C1- Deliver quality dental care in all the clinical aspects of general dentistry.

C2- Experience advanced techniques that is not common in the undergraduate curriculum.

C3- Perform cardiac pulmonary resuscitation (CPR) when needed.

C4- Comprehensively deal with dental cases.

D- General transferable skills:

By the end of the internship dental program every graduate will be able to:

D1- Interact professionally with various health practitioners as well as patients, children and their caregivers.

D2- Recognize the importance of life-long learning and professional development

D3- Work in a team.

D4- Manage time properly.

D5- Access different sources to retrieve information relevant to dentistry.

D6- Maintain a professional image that is consistent with the healthcare standards.

3. Curriculum Structure and Contents:

3a- Program Duration: **1 year**

3b- Programme Structure:

a. No of hours per week for each course:

- Lectures/Seminars : 2h clinics : 28h
- Total : 30h

4. Program Courses:

All the 8 courses are compulsory, no elective or optional courses are included.

	Course Title	No. of hours/Week	
		Lect.	Clinics.
1	Fixed Prosthodontics	2	28
2	Removable Prosthodontics	2	28
3	Operative Dentistry	2	28
4	Endodontics	2	28
5	Oral Medicine, Diagnosis	2	28
6	Oral Surgery	2	28
7	Pediatric Dentistry and Dental Public Health	2	26
8	Periodontology	2	28

6-Program admission requirements:

Faculty of Oral and Dental Medicine, Nahda University accept everyone who successfully complete the 5 years of undergraduate dental program, from the faculty or other governmental or private universities as well as from Arab universities.

7-Regulations for progression and program completion:

It is a residency training program which is compulsory after successful completion of the 5 years undergraduate dental program. Intern is required to undertake a twelve-month internship as a requirement for receiving his/her bachelor degree and register as a dental practitioner by the Egyptian Dental Syndicate. Rotations to the various clinical departments constitute the basis of the program. After passing through all clinical departments as well as the comprehensive clinic (8 clinics); the intern has the right to spend the last four months in any department of his/her interest. At the end of a 12 successful months, the interns receive the certificate of completion which qualifies them to obtain the Bachelor degree.

8-Evaluation of program intended learning outcomes:

Each clinical department sets requirements that are mandatory for completion of the training course otherwise it is repeated. Moreover, basic didactic lectures provided by staff members or seminars delivered by the interns are suggested in each department. Evaluation of the progress of the interns is performed on a monthly basis and registered in a log book signed by the supervisors in the faculty or in the Ministry of Health.

9- Program evaluation:

It is conducted through feedback obtained monthly from the supervisors in the clinical departments in the faculty or from the Ministry of Health through a questionnaire asking about knowledge, skills and attitude of our graduate and their suggestion for improvements. The results are analysed regularly and corrective actions are implemented as well as putting their suggestions for improvement into consideration.

Suggested program components:

1- Clinical requirements

- To be decided according to the needs of each department (discuss below).
- Clinical requirements should be fulfilled by the end of each clinical round, signed in the clinical internship logbook and submitted to the clinical supervisors at each department.
- One full mouth rehabilitation case should be completed during the internship duration. The case should be submitted with diagnostic casts, pre-operative and post operative photographs and x-rays.
- Attendance is elementary for each intern during the designed period from 9 Am- 4 Pm (five days) at least 85% of the period. If an intern is declared as unsuccessful due to unsatisfactory performance or attendance, he/ she will be required to repeat the course.

2- Research Assignments and presentations

- Interns are expected to do several research assignments, according to the requirements of each department, and present their work to their colleagues and supervisors.

3- Continuous education workshops and courses:

- **Clinical courses:** this may include the following courses:
 - 1- Infection Control
 - 2- Endodontics course
 - 3- Restorative course
 - 4- Prosthetic course
 - 5- Minor surgeries and Implant courses

1- Clinical requirements:

- **Conservative department:**

To facilitate reinforcement of learning and achievement of basic skills, the interns shall perform at least the following procedures independently or under the guidance of supervisors:

1. Restoration of extensively mutilated teeth (vital or Non vital) 10 cases
2. Inlay and onlay preparations (Cast metal & Esthetic) 4 cases
3. Use of tooth colored restorative materials (Laminate veneers) 4 cases separate or 1 case Full anteriors
4. Treatment of discolored vital and non-vital teeth (Bleaching) 2 case each

During the internship program emphasis shall be on the infection control concerning the clinic, chair-side teaching, small group teaching and discussions: tutorials, seminars, ward posting, laboratory posting, field visits and self-learning.

Use of Resource Materials

Charts, diagrams, photographs, posters, specimens, models and other audio-visual aids of computers/advance facilities shall be used to present the following as a part of the training period:

- The internee shall submit minimum **one educative chart/ model**. The chart/model should have importance from the view of public awareness & conservative approaches.
- The internee shall prepare and criticize minimum **one scientific paper** under the guidance of department's staff by utilizing resources from library/ Internet etc.

- **Endodontic department:**

Each intern should present:

1. Twelve cases (anteriors and premolars).
2. Ten cases (molars)

Five acceptable anteriors / premolars are a requirement to start dealing with molars.

- **Fixed prosthodontic department:**

Each intern should present:

1. One case of Fixed partial denture (PFM)
2. One case of endodontically treated tooth restored by post & core, followed by extra-coronal restoration.

- **Prosthodontic department:**

For each intern in one month round:

- 1- Metallic Partial Denture.
- 2- Overdenture OR Single Denture OR Attachment Case.
- 3- Optional Maxillofacial case, if available.

- **Paediatric department:**

Each intern should present:

- 10 pulpotomy with st.st crown.
- 10 extracted teeth.
- 5 cavities {class I or II}.
- 2 endodontic treated teeth {anterior or posterior}.
- One for mouth rehabilitation case including all its photo and x-ray.
- 2 seminars {one on certain subject and the other on club journal}.

Courses:-

Construction of space maintainer with its soldering.

- **Periodontic department:**

Each intern should present:

1. Ten cases with complete periodontal treatment.
2. Two cases treated with ultrasonic device under supervision.
3. Four case prepared for periodontal surgery and Two different periodontal surgery

- **Oral surgery department:**

The interns will perform at least the following procedures independently or under the guidance of supervisors:

- 2o extraction for teeth and remaining roots by surgical instrument and elevators
- Participant for at least three minor surgery.

- **Diagnosis and Oral radiology department:**

Each intern should present:

1. Four cases with complete diagnosis (radiographs , photograph and other diagnostic tools).
2. Two cases with differential diagnosis of oral lesions.
3. Comprehensive case treats at least in three different departments.

Program coordinator

Head of departments (Dean of the Faculty)

Prof. D. Kareman El-Sodany

Prof. D. Shereen Fouda

Date: October 2014