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Syrian Board of Medical Specialties

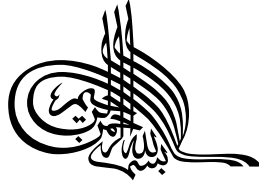
S B O M S

ENT Training Curriculum

PREPARED BY

SCIENTIFIC COMMITTEE FOR EAR, NOSE, AND THROAT

DIEASEAS AND SURGERIES



Curriculum for the Specialty of Ear, Nose, and Throat (ENT) diseases and Surgeries

Reviewed and approved by

Members of the Scientific Committee

Dr. Mohammed Al Masri

Dr. Mustafa Al Faraj

Dr. Abdullah Hussein Al Yousef

Dr. Hamza Al Seid Hassan

Dr. Abd Alsalam Dhaief



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Email: info@sboms.org

Website: www.sboms.org

Forward:

The Scientific Committee for Ear, Nose, Throat, and Head and Neck Surgery was established in accordance with the Syrian Commission for Medical Specialties Resolution No. dated ... / ... as a step towards achieving its goal in preparing competent physicians who poses both scientific and medical backgrounds, and the clinical skills to obtain their scientific certification in accordance with the standards and requirements accepted internationally. This will be through the provision of comprehensive training in the area of ear, nose, throat, head and neck and surgery where after the completion of the residency period they will become highly qualified in ear, nose, throat, head and neck specialization, both clinical and technical knowledgeable, qualified for safe medical practice and patient care before, during and after surgery, and with the adequate capacity to handle all emergency situations.

Program Objectives

The main objective is to graduate well versed specialists in Otolaryngology, ENT, head and neck surgeries, and have the ability to practice independently so that at the end of the residency period the trainee will gain the following skills and abilities:

1. Enabling the graduate to obtain sufficient and basic information for the surgical and applied sciences and medical information in the specialization of the ear, nose, throat, head and neck, and the surgeon with the ability to research, implement and follow current developments and trends.
٢. Enabling the graduate to acquire the right and proper knowledge to qualify him

to take on responsibility as a specialist when dealing with patients and with those who work with them in medical and health facilities.

3. Enabling the graduate to self-follow-up of applied medical education and medical research in the field of ear, nose, throat, head, neck surgery.

4. Enabling the resident doctor to obtain sufficient clinical information to be able to make correct treatment and surgical decisions while serving as a specialist in the specialization of ear, nose, throat, head and neck surgery for each case.

5. Enabling the graduate to obtain sufficient surgical skill in his work as a specialist in Otolaryngology and perform surgeries accurately and safely.

6. Equip them with the knowledge to identify the causes of ear, nose, throat, head and neck related diseases within their health environment in which they live in (preventive and community medicine) and ways to combat or prevent them.

٧. Qualifying the graduate to participate in the research work in the department actively.

8. To be able to train and qualify newcomers in this specialty.

٩. Provide advice to colleagues in other specialties in terms of ENT, head, and neck.

10. Equip the graduate with professional ethics and professional behavior with knowledge of the forensic principles related to their specialty.

Entry requirements

Conditions for those who wish to obtain the certificate of specialization in ENT and their surgeries with the Syrian Board of Medical Specialties

١. Hold of a university degree in medicine from a recognized university of which the ENT committee acknowledge this recognition.
٢. Must be a practicing physician licensed to practice medicine in his country and registered in the Medical Association.
٣. Knowledge in Arabic.
٤. The trainee signs a contract stating that they will abide by the instructions of the Syrian Board for Medical Specialties.
٥. Provide a letter of recommendation from two previous supervisors during their the last year of the Faculty of Medicine.
٦. Any other conditions that the Board may deem necessary.

Training

The training should be in practical and scientific centers recognized by the Scientific Committee of the ENT and SBOMS. An annual bulletin shall be issued in the names of the recognized centers.

Training Duration

The ENT residency program consists of four years (the duration of the training required to obtain the certificate) by the trainee as a resident intern in the responsibility of a training center or hospital recognized for its authority to train the ear, nose, throat, head and neck.

Training Requirements

Training program is divided into two phases:

Training Requirement for the first and second years

During this phase trainee will be able to:

1. Taking a detailed pathological story along with an effective clinical examination by:
 - The usage of lighting means of detection such as head lamp or otoscopes.
 - Usage of hard and flexible endoscopes in the diagnosis of nose, ear and throat diseases.
 - Perform hearing and balance tests and interpret the results.
 - Evaluate the functions of connected systems such as the nervous system in addition to evaluate the functions of cranial nerves.

- ٢ – Treatment of common ENT, head and neck surgeries (epistaxis, epiglottitis, dizziness, facial trauma etc.)•

- ٣ – Ability to read the results of radiological scans.

ε – Acquisition of surgical expertise: which will enable them to:

- Perform tonsillectomy, adenoid curette, and ventilation tubes.
- Perform corrective procedures for deflection of nasal and nasal cortex and taking biopsies.

In addition to the above, the resident doctor should participate actively in the educational program in the department such as scientific meetings, scientific club, providing medical cases and others throughout the training period in addition to participating in research work in the department effectively.

Textbooks will include topics on:

Anatomy

Embryology

Physiology

Pathology

Pharmacology

Microbiology

Immunology and Genetic

Training Requirement for the third and fourth years

This training phase aims to prepare the trainee to start performing independently and assume more responsibilities and gain the necessary expertise to achieve

these goals by refining the clinical approaches and surgical skills acquired during the previous years in addition to learning new surgical techniques.

The duties of the resident doctor during this period include:

- ١ - Supervising the trainees of the first years.
- ٢ - Perform administrative tasks such as schedule of shifts and vacations.
- ٣ - Enhancing surgical skills through conducting and participating in most standard surgeries in ENT, head and neck surgery.

In this phase, the resident doctor must conduct and participate in:

- ١ - Ear microscopic operations, such as tympanoplasty, cranioclasty, and stapedectomy.
- ٢ - Head and neck surgeries such as mastectomy and parotid gland, hysterectomy and neck scraping.
- ٣ - Nose and sinus operations such as functional sinus surgery and surgery of

nasal tumors,

- – Plastic surgery, such as cosmetic nose and auricular.
- – Endoscopy of the esophagus, larynx and bronchitis.

The trainee may spend no more than six months of the entire period of training in centers recognized by the scientific committees of the same specialty in any of the countries after the approval of the supervisor doctor and the scientific committee.

Training courses during this period

- ENT
- Otology and neuro-otology diseases
- Rhinology and anterior skull base diseases
- Laryngology diseases
- Head and neck surgery
- Maxillofacial surgery, facial plastic surgery

Audiology

- Awareness of basics of audiology
- Establishment of systematic approach for application of the basics of audiology in otorhinolaryngology.

Residency supervisors in training centers

Qualities Include:

- 1- Must be a qualified specialist with practical, scientific and educational experience of not less than (5) years after obtaining the qualification;
- 2- Must be available for full-time to work in the hospital and to train as much as possible while continuing to perform his duties as ENT specialist.

❖ Obligations

1. Periodic and continuous evaluation of the training with practical observation and examinations
2. Ensuring increased responsibility for the trainee according to their qualifications and years of training
3. Arranging the scientific activities of the trainee and documenting them in the log book
4. Providing the scientific climate for trainees through holding local and international activities and refresher courses
5. Supervise the application of the program by trainers and follow up their work
6. Submit a scientific and practical log book to the training committee at least three months from the date of the exam

7. Supervising scientific research and ensuring that it is published in local or international scientific journals.

Examination

Preliminary Examination

- The exam consists of / **120** / multi-choice questions and only one-answer.
- Duration is for two hours.
- Success score of **60%**.
- The examination includes basic aspects of specialization such as drugs – anatomy – embryo – physiology – bacteriology.

Final Examination

Acceptance Conditions:

1. The applicant has completed the four years of training at a center recognized by the Scientific committee for Ear, Nose, Throat, Head and Neck Surgery
2. To have a satisfactory evaluation by the supervisors from the previous trainings.
3. His / her practical record shall be in accordance with the requirements of the scientific board (logbook)

I – Final Written Exam

- The exam is written in the form of multiple-choice questions with one answer. It consists of two sheets of paper, consisting of **100** questions, each of which has two full hours, and is conducted on the same day.
- Each paper is counted as a score of **50** and the overall passing grade is **60%**.
- Each paper covers clinical and applied aspects of the specialty.

II – Final Oral Exam

1. The requirement to apply for a clinical and oral examination
2. The oral examination is conducted before a clinical examination committee shall consist of two members. The duration of each committee is **15** minutes.
3. A hundred marks shall be allocated for each committee and shall be considered successful whoever has obtained **60%**

Suggested References and Resources

1. Bayleys
2. Cumings
3. Essential
4. Scott–brown

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