



**FELLOWSHIP PROGRAMME IN  
FACIAL PLASTIC SURGERY**

**(TWO-YEAR FELLOWSHIP)**

**Department of Otorhinolaryngology  
Postgraduate Center  
College of Medicine, King Saud University**

**Riyadh, Saudi Arabia**

King Saud University College of Medicine  
King Abdulaziz University Hospital  
ORL Department

**Introduction:**

The decision in obtaining a postgraduate/specialty training fellowship is an extremely important one for future career development. Our main goal for from the fellowship is to equip the fellows with the necessary training to become highly specialized, unique among their peers and making sure they are confident in performing certain surgical procedures in a short period of time

Through the years, the King Saud University which is situated in the heart of Riyadh, Kingdom of Saudi Arabia played a major role and served as a vital instrument of this quest since it is one of the largest and most specialized medical institutions in the region. In addition, it has the facilities and experience in offering a fellowship in many fields of specialties that caters not only to Saudi Nationals but also to other parts of the Arab speaking countries.

The otolaryngology and head and neck surgery department at King Saud University is considered a center of excellence in training and practicing all aspects of otolaryngology and head and neck surgery.

**Name of the Program**

Two-year Facial Plastic Surgery Fellowship Program

**GOALS AND OBJECTIVES OF PROGRAM / TRAINING**

The objective of the two-year Facial Plastic Fellowship is to provide an up to date and highly specialized graduate in the field of basic and fundamental aspects of Facial Plastic Surgery.

At the end of training, the fellow will:

- Have advanced training in facial plastic and reconstructive surgery.
- Be capable of managing complex surgical cases.
- Learn how to set up and run a successful facial plastic surgery practice.
- Have knowledge and skills for conducting clinical research.
- Gain exposure to the academic responsibilities expected of a fellow trained in the field of facial plastic fellowship.

The training includes didactic sessions, clinical care, academic responsibilities, research opportunities and medical and surgical experiences.

All aspects of facial plastic surgery training are covered, with special emphasis on rhinoplasty and cosmetics of the face; this will be carried through;

- Full exposure to all aspect of diagnosis, medical and surgical care of facial deformity, trauma so that at the completion of the fellowship, the fellow will be well-qualified and a safe surgeon as well as being well versed in the basic science knowledge underlying diagnosis and management.
- Delineate updates in medical and surgical option for management of different facial-plastic disorders (rhinoplasty, aging face, etc).
- Learn the methodology and interpretation of facial plastic studies.
- Exposure to advanced facial plastic procedures.
- Undertake and complete a minimum of two clinical research projects during the fellowship program to be agreed upon with the fellowship director at the start of the fellowship. The research topic will be presented/ published at national or international otolaryngology / facial plastic meeting or journals. However, we recommend doing more than two research projects and this will be supported by the staff as well.
- Active involvement in the teaching and academic development of King Saud University Hospitals.

### **Prerequisite / Selection Criteria:**

To be admitted to facial plastic subspecialty program, candidate must:

1. A board eligibility and/or board certification in otolaryngology/plastic surgery.
2. Provide a sponsoring agency and release papers.
3. Pass a personal interview.
4. Two reference letters from consultants with whom the candidate is currently working or has recently worked with, for a minimum period of six (6) months.

### **Important Dates and Guidelines**

1. The duration of sub-specialty training will be two (2) years.
2. The application submission is from July to September of the academic year preceding the fellowship.
3. Candidates will undergo an interview which is scheduled usually either October to December.
4. Training starts at the beginning of **January**.
5. The fellow will be an integral part of the facial plastic group.
6. The fellow will be quarterly evaluated (every 3 months) through the entire training period.

### **Resources and Facilities**

King Abdulaziz University Hospital is a tertiary care academic hospital attached to the College of Medicine, King Saud University, Riyadh, Kingdom of Saudi Arabia.

It is located in central area of Riyadh; the University Hospital is a specialized hospital for otolaryngology, Head and Neck Surgery and Ophthalmology with a capacity of 104 in-patient beds. Bed capacity specialized for facial plastic surgery is around 10% of the total bed capacity of KAUH.

The total ambulatory visits to all departments in 2017 were approximately 77,756 clinic visits and 2,475 emergency visits. There were about 15,143 total visits to the specialized ENT clinics and total admissions were 2,068 out of which 16.90% (3,563) were for facial plastic surgery.

The ORL-HNS surgical case load in 2017 was approximately 2,387; all procedures were performed at KAUH main OR with 4 rooms allocated for ENT use each day. Out of these around 16.52% (410 cases) were facial plastic surgery cases.

### **1. Teaching staff**

At present the training physician staff consists of **five** full time facial plastic surgeons with experience in teaching and training in the facial plastic subspecialty and one full time oculoplastic surgeon. In addition, other teaching staff at the affiliated hospitals will also help in accomplishing the program's objectives.

### **2. Equipment**

The ORL department at KAUH is fully equipped to manage cases in all otolaryngology sub specialties. All clinics and operating rooms are equipped with the latest instruments, video documentation facilities, and simulation programs, in addition to excellent laboratory, radiology and pathology services.

### **3. Surgery**

Surgeries include a wide array of office based procedures, routine facial plastic surgeries as well as complex and revision surgeries using different techniques.

Cadaver dissection course is carried out annually on fresh frozen specimens.

A variety of research opportunities are offered in collaboration with the research department of the College of Medicine, KSU.

The scientific/academic computing center is located at KCUH. It aids fellows, staff, and faculty in various clinical research aspects such as statistical analysis, data acquisition, analysis techniques, research methodology, and mathematical/analytical methods.

#### **4. Capacity**

One or two candidate(s) each academic year will be accepted in the facial plastic program.

#### **5. Training Committee**

The training committee includes the facial plastic consultants at the ORL-HN Surgery Department of College of Medicine, KSU. All participating consultants in the affiliated hospitals will be members at the Program Board Committee to evaluate the program progress and fellow's performance.

#### **Similarity to other Fellowships Worldwide**

The aims and objectives of the 2-year KSU Fellowship in Facial Plastic surgery sub-specialty are similar to that of the other existing fellowship programs abroad like the American Academy for Facial Plastic & Reconstructive Surgery programs

<http://www.aafprs.org/fellowship/descriptions.html> and the European Academy for Facial Plastic Surgery fellowships <https://www.eafps.org/education/articles/fellowship.html> which are to extend teaching and impart knowledge and expertise in the variety of cases in the field of ORL. Both the AAFPRS and EAFPS have a 1-year fellowship program followed by a two-year evaluation period. We elected for our program to be a 2-year fellowship since there is some deficiency of exposure in facial plastic sub-specialty during most local residency programs.

Generally, the style of training during the fellowship focuses on developing both the theoretical and practical skills of the candidates. We believe that letting the fellow work with various members of the teaching staff helps the fellow to get exposed to different schools and management styles that helps to enrich their overall learning experience.

#### **Similarity between the Suggested Fellowship and the Other Fellowship in Middle East and Saudi Council for Health Specialties**

The King Saud University Fellowship in Facial Plastic Sub-specialty is a neophyte proposed program in the Middle East and the Saudi Council for Health Specialties with no existing program to compare with.

## **FELLOWSHIP TEACHING STAFF AND CONSULTANTS**

### **ORL - Facial Plastic Surgery**

1. Prof. Ahmed Al-Arfaj  
(Program Director)  
Professor & Consultant  
King Abdulaziz University Hospital  
DLO, ENT Fellowship, FRCS (I),  
Facial Trauma & Reconstructive, USA  
Research Fellowship, USA
  
2. Prof. Sameer Bafaqeeh  
Professor & Consultant  
King Abdulaziz University Hospital  
P.G. - George August University, West Germany  
Subspecialty - American Board  
Facial Plastic & Reconstructive Surgery
  
3. Dr. Sami Alharethy  
Associate Professor & Consultant  
King Abdulaziz University Hospital  
Arab Board, Saudi Board, KSU  
Fellowship in ORL-HNS  
Fellowship in Facial Plastic Surgery, France
  
4. Dr. Badi Al Dosary  
Assistant Professor & Consultant  
French Board (EES)  
Clinical Fellowship in Facial Plastic & Maxillofacial  
Surgery, Montreal University  
Clinical Fellowship in Facial Plastic & Reconstructive  
Surgery, Montreal University, Montreal, Canada
  
5. Dr. Amani Obeid  
Consultant  
ENT Department

King Abdulaziz University Hospital  
International Board of Facial Plastic & Reconstructive Surgery  
Fellowship in Facial Plastic & Reconstructive Surgery, USA  
Fellowship in Head and Neck Reconstruction, USA  
Saudi Board, Arab Board ORL-HNS  
European Board, ORL-HNS  
Fellowship in ORL-HNS, KSU

### **Plastic Surgery**

Dr. Ali Malaq                      Consultant  
Department of Plastic Surgery  
King Faisal Specialist Hospital & Research Center

### **Oculoplastic Surgery**

Prof. Adel Suhaibani              Professor & Consultant  
Department of Ophthalmology  
King Abdulaziz University Hospital  
Saudi Board, KSU  
Fellowship in Oculoplastic Surgery, USA

### **Maxillofacial Surgery**

Dr. Abdulrahman Al Osaimi      Consultant  
Oral & Maxillofacial Surgery Department  
King Saud Medical City

### **Dermatology & Dermatosurgery**

**Dr. Mohammed Al Sofyani**      Consultant  
Department of Dermatology  
Prince Sultan Military Medical City  
Riyadh, Saudi Arabia

## **STRUCTURE AND CONTENT OF THE PROGRAM**

## **I. Division of time and duties for the full 2-year period:**

- 3 months – 1<sup>st</sup> 3-month research
- 12 months - full clinical exposure in King Saud University's teaching hospitals
- 2 months - intensive training and exposure in maxillofacial trauma
- 2 months - intensive training and exposure in plastic surgery
- 1 month - intensive training and exposure in cosmetic laser surgery (dermatology)
- 1 month - intensive training and exposure in oculoplastic surgery
- 3 months - elective rotation (in accordance with the approval of the committee)

## **II. Clinical and Research Components**

### **1. Clinical**

The fellow will participate “hands on” in facial plastic clinics and in the operating rooms. The fellow is expected to be present during the weekly full-day clinics and surgical training in the operating room twice a week. Additional clinical teaching takes place during the hospital rounds and during the care of emergency facial plastic cases.

The fellow is clinically is expected to cover on-call duties for the facial plastic cases which are usually around 3 to 8 per month as 2nd on-call.

### **2. Research**

The fellowship provides numerous opportunities for clinical and basic science research in the field of facial plastic studies clinical/surgical outcomes. Fellows are encouraged to develop a research proposal under the supervision of the fellowship director (*see provision on research aspect for the fellow's job description*).

### 3. Elective period

The fellowship provides opportunity to attend mini fellowship, courses to get more experience at other centers worldwide as arranged by university department or by the candidate himself after the approval of the program scientific committee.

### III. Fellow Supervision and Patient Care Responsibilities

Fellows are closely supervised during the first quarter of the fellowship. As the fellow matures, patient care independence is allowed though still will be under the supervision of the fellowship director.

At the completion of the fellowship, the fellow is able to evaluate and manage all medical and surgical disease related to the facial plastic specialty.

Patient care responsibilities:

1. See and evaluate facial plastic patients in the facial plastic clinics.
2. Supervise the pre-op process for patients requiring facial plastic surgery.
3. Pre and post-operative rounds in-hospital's facial plastic cases.
4. Supervise otolaryngology residents in the facial plastic rotation.
5. Participate in the care of emergency cases related to facial plastic surgery.
6. Receive consultations of all facial plastic cases referred from the department or from other specialties.

### IV. Procedural Requirements

The following procedures are performed during the fellowship:

No.	Procedures	No. of Cases
1	Basic septoplasty procedure	> 50 cases
2	Endonasal septorhinoplasty procedure	> 50 cases
3	Open septorhinoplasty procedure	> 80 cases
4	Revision of septorhinoplasty	10 cases
5	Otoplasty	5 cases
6	Mentoplasty	5 cases

7	Cervicofacial liposuction	5 cases
8	Closed technique of septal perforation closure	5 cases
9	Open technique of septal perforation closure	2 cases
10	Scar revision	20 cases
11	Maxillofacial trauma include nasal bone fracture reduction	30 cases
12	Blepharoplasty	5 cases
13	Rhytidectomy / endoscopic facelift	3 cases
14	Cleft lip / cleft palate	3 cases
15	Skin laser resurfacing	10 cases
16	Use of fillers and neurotoxins on the face	10 cases

## V. Didactic Components

1. Attend all department conferences pertaining to facial plastics.
2. Assist in implementation of the annual facial plastic CME program.
3. Present two research proposals during the department clinical update meeting.
4. Give two grand round presentations for the residents each year.
5. Attend otolaryngology journal club every month and proctor facial plastic papers being discussed.
6. Supervise resident cadaver training dissection (optional)
7. Supervise all use of laboratory dissection materials.
8. Attend all otolaryngology clinical meetings.

The fellow will be required to

1. Study epidemiology, statistical methods, experimental design, and manuscript preparation; including literature searches and the use of computerized and internet databases, so needs to complete a course in statistics in the first year.
2. Complete 2 Basic / Advanced Facial Plastic Courses (abroad, and encouraged to attend hands-on courses)
3. Participate in the preparation of all the facial plastic division courses and considered as member in all facial plastic committee.

4. Participate in at least 2-12 weeks mini-fellowship or clinical attachment outside the kingdom as part of the elective rotation or period, to see and manage advanced and difficult facial plastic cases and surgery after approval of the program director.
5. Attend at least 1 international conference in the field of facial plastic, 1 international workshop per year & 1 to 2 national conferences per year.
6. Present and publish at least 3 papers during his training. 1 could be a case report but the other 2 should be a well written high evidence ranking paper. (There is large time that is given for research as seen next and it should be objectively measured by publications).

## VI. Evaluation

The fellow will be evaluated on the following items using postgraduate evaluation scale from 1 to 5, 1 being the lowest or very poor performance and 5 being the highest or outstanding performance:

- 1 – unsatisfactory performance
  - 2 - Below Average
  - 3 – Average
  - 4 – Above Average
  - 5 – Outstanding)
1. **Patient care** - compassionate, appropriate and effective for the treatment of health problems and the promotion of health in Saudi Arabia.
  2. **Medical knowledge** - established and evolving biomedical, clinical and cognate (epidemiological and social behavioral) sciences and the application of this knowledge to patient care.
  3. **Practice-based learning and improvement** - involves investigation and evaluation of their own patient care, appraisal and assimilation of scientific evidence and improvements in patient care.
  4. **Interpersonal and communication skills** - that result in effective information exchange and teaming with patients, their families and other health professionals.

5. **Professionalism** - as manifested through a commitment to carrying out professional responsibilities, adherence to ethical principles and sensitivity to a diverse patient population.
6. **System based practice** - as manifested by actions that demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide care that is of optimal value.
7. **Research** - the importance, the vital, prevalence of the cases and the degree of importance of the selected research project and consider the breakthrough in the clinical practice and benefits as well as contribute in the field of facial plastic and reconstructive surgery The procedure, the process and the overall input on how the Fellow conduct/conducted the project and the assessment on the project itself.

### **Fellow Job Description**

**Title:** Facial Plastic Fellow

**Department:** Department of ORL H & N Surgery, College of Medicine, KSU

**Academic:** KSU Facial Plastic Fellowship Certification

**Experience:**

1. Demonstrate clinical competency to work at a fellow level.
2. Demonstrate potential medical supervisory skills.
3. Demonstrate potential teaching skills.
4. Demonstrate ability to promote good interpersonal relationship.

**Terms of Employment:**

1. KAUH, Riyadh
2. ORL H & N Department, KSU

**Functions:**

**A. General:**

1. Administer ORL patient care polices and protocols.
2. Provide exemplary facial plastic patient care to those patients under his/her care.
3. Cooperate with all the other staff to ensure exemplary patient care.
4. Attend rounds.

**B. Specific:**

1. Help and/or assist in looking after critically ill patients.
2. Review, prepare and completed all the medical records of the facial plastic patients.

**C. Evaluation**

1. Assist in the evaluation of residents, medical students and interns.

**D. Teaching**

1. Participate in the teaching of medical students, residents, interns, nurses and patients.

**E. Research**

**1. The first 3 months**

- 1.1 Fellow(s) will have at least two research proposals
- 1.2 The two proposals have to be submitted to Institutional Review Board (IRB)
- 1.3 Attending Courses in research.
- 1.4 Minimal clinical works, to attend clinic only.
- 1.5 The Fellow has to fulfill all these so that he can start his full clinical duty.

**2. Requirements for promotion to F2 (year 2)**

- 2.1 Fellow has to present in the update seminar at least one of his/her research.
- 2.2 At least one of the researches has to be sent for publication.

**3. Requirements to sit for final exam**

- 3.1 Fellow has to have 2 ISI publications **OR**
- 3.2 One (1) ISI publication and one (1) Non ISI publication with two presentations in International conferences of his/her research project(s).
- 3.3 Fellow must be the 1st Author on the research projects.

4. **The Committee approved that case report is not acceptable and excluded in the research provision for fellows' program structure.**
  
5. **Others**
  - 5.1 Assume responsibilities for the development and maintenance of own professional competency.
  
6. **At the end of the fellow's training, he should meet the following objectives:**
  - 6.1 The trainees will be able to demonstrate competency of facial plastic procedures and skills in the use of technology.
  - 6.2 Demonstrate the ability to assess the facial plastic patient by:
    - 6.2.1 Appropriate history taking and physical examination.
    - 6.2.2 Selecting appropriate investigations.
    - 6.2.3 Interpreting investigations.
  - 6.3 Make management plan for all facial plastic problems.
  - 6.4 Demonstrate effective communication skills.
  - 6.5 Demonstrate academic qualities pertaining to facial plastic.
  - 6.6 Demonstrate effective teaching of the residents.
  - 6.7 Participate in research work of the department.
  - 6.8 Understand the relevant aspects of staff management and administration pertaining to high intensity of work.
  
7. **At completion of 2-year program, King Saud University Fellowship in Facial Plastic Certificate will be awarded to the candidate from King Saud University.**

**GENERAL RULES AND REGULATION: IN ACCORDANCE TO THE RULES AND  
REGULATIONS OF KSU**

**1. Admission Process**

Submission of applications will start on the 1st of July until the 30th of September. Selection examination will be held either October to December basing on the approval of the Committees and ratified by the Department Board.

The Postgraduate Medical Education (PGME), Medical Education Center will accept and perform the preliminary review of applicants and forward applications to the Program Director.

The Departmental Fellowship Committee will then conduct a personal interview and recommends candidates for acceptance using the special form for selection of candidate(s) {as stated above in general guideline}.

Results will be forwarded to the Director of the Postgraduate Training Programs, who will forward the results to the Vice Dean of Postgraduate and Continuing Medical Education and the Dean of the College of Medicine. Upon approval of the results the PGME will write acceptance letters to the accepted candidate(s).

The accepted candidate(s) will be registered with the Deanship of Admissions and Registrations. And therefore settle the total registration fee of sixty thousand Saudi Riyals per year (SR60,000/ year) (if the rules agree).

Then training will commence at the **1st working day of January**.

**2. Teaching commitments must be protected.**

**3. Number of on-call as stated above.**

**4. Withdrawal**

A valid reason for withdrawal must be given in writing to the Facial Plastic Program Director. Submission of withdrawal should be made 3 months before the end of the training year to the Departmental Residency Committee (DRC) which will refer the request to the Postgraduate Training Board (PGTB) with recommendations. The final decision will be made by the PGTB who will give their final reasons in writing.

If in case the withdrawal was rejected by the PGTB and the Candidate left the program without permission, he will not be allowed to join any other programs for 1 year.

## **5. Examination**

Candidate who has good performance in the evaluation must also pass the Facial Plastic Subspecialty Fellowship Examination distributed in the following criteria with a passing mark of 70%. While, the garnered passing marks is categorized as follows:

Excellent	=	95 to 100%
Very Good	=	90 to 94%
Good	=	76 to 89%
Pass	=	70 to 75%
Fail	=	below 70

## **6. Disciplinary actions**

Disciplinary actions will be in accordance with the KSU Fellowship Training Programs Policies and Procedures. Any candidate exhibiting poor performance or misconduct will be thoroughly discussed in the Committee and the policies and procedures will be applied.

In case of dismissal from the program, the Committee has to refer the matter to the PGTB for appropriate decision. The PGTB will then forward the matter to the Vice Dean of the Postgraduate and Continuing Medical Education

## **7. Vacation**

The fellow is entitled to a 4 weeks' vacation per year and should be approved by the Director of Facial Plastic Fellowship Program and in accordance with the department's protocol and one of the Eid Holidays.

Justified absence from the program such as sick and maternity/paternity leaves should be compensated if more than 1 week per year.

Educational leave will be granted to attend 1 hands-on course a year and 1 international conference a year. If the candidate is presenting his/her research, he/she can attend any additional number of meetings to present her/his work. While, the elective training period for mini fellowships are not to be part of the educational leaves.

### **Program Review**

The program will undergo a review process to be conducted by the King Saud University Training Program Directors in order to assess its training process and/or if any other improvement or rule to be implemented.

### **Program Certification:**

The fellowship will be an accredited program affiliated with the department of otolaryngology and head and neck surgery at the College of Medicine, KSU and its accredited residency program.

As of today, there is no other accredited facial plastic program in Saudi Arabia or in the Middle East.