Department of Surgery

Chairperson: Hoballah, Jamal
Professors Emeriti: Dagher, Ibrahim; Haddad, Fuad; Khalil, Ismail; Obeid, Sami; Shehadi, Sameer
Professors: Al-Halees, Zohair (Adjunct Clinical); Abi Saad, Georges; Atiyeh, Beshara (Clinical); Bulbul, Mohamad (Clinical); Haidar, Rachid; Hoballah, Jamal; Khalifeh, Mohammad; Khauri, Raja; Khoury, Ghattas (Clinical); Obeid, Mounir
Associate Professors: Abbas, Jaber (Clinical); Akel, Samir (Clinical); Faraj, Walid; Haddad, Fady; Haddad, Georges (Clinical); Haddad, Raja (Clinical); Jamali, Faek; Moukarzel, Maroun (Adjunct Clinical); Najjar, Marwan; Safadi, Bassem; Sagieh, Said; Sfeir, Pierre; Sfeir, Roger (Clinical); Skaf, Ghassan; Taha, Assad (Clinical)
Assistant Professors: Abu-Sitta, Ghassan; Al Taki, Muhyeddine; Alami, Ramzi; Baddoura, Omar (Clinical); Bakhd, Joseph; Barma, Biheb (Clinical); Deeba, Sameer; El Hajj, Albert; El-Hout, Yasen; El-Rossi, Issam; Hallal, Ali; Hussein, Maher (Clinical); Ibrahim, Amir; Kaddoura, Imad (Clinical); Kreidieh, Ibrahim (Clinical); Lakkis, Suheil (Clinical); Saba, Salim; Sidani, Mustafa (Clinical); Soubra, Maher; Tayim, Ahmad; Wazzan, Wassim (Clinical)
Instructors: Abiad, Firass; Nasr, Rami; Sagherian, Bernard; Salame, Joseph; Sbalty, Eman
Senior Lecturer: Afeiche, Nadim (Clinical)
Clinical Associates: Abdelnoor, John; Ajami, Habib; Bakhos, William; Bitar, Elias; El Hajj, Ziad; Harakeh, Ayman; Houcheimi, Kassem; Hushaymi, Ibrahim; Jurdi, Hikmat; Makarem, Rabih; Rustom, Jurji; Saad, Fadi; Sakr, Ghazi; Sayyed, Khaled; Zoubir, Samir

The Department of Surgery offers courses, graduate clerkships, and specialty electives to medical students. It also offers post-graduate training to MD graduates including residency and subspecialty fellowships.

Post-Graduate Training

The Department of Surgery offers two tracks of residency training: a one-year of internship in preliminary track required for any further specialization; and a categorical track for residency training in General Surgery, Neurosurgery, Orthopedic Surgery and Urology. Trainees are selected during or after their last year of medical school.

The training programs in the categorical track consist of: a five-year training program in general surgery; a seven-year training program in neurosurgery, including one prerequisite year of general surgery; and a six-year training program in orthopedic surgery, plastic surgery and urology, including one prerequisite year in general surgery, and a second year in other surgical and non-surgical rotations.
The five-year residency program in general surgery is structured to conform to the requirements of the Arab Board of Surgery, and the Residency Review Committee (RRC) of the ACGME-I.

All the surgical residents participate in the didactic curriculum established by the Surgical Council on Resident Education (SCORE).

All junior surgical residents are enrolled in the ACS Fundamentals of Surgery Curriculum. Skills lab, including basic and advanced open and laparoscopic skills are included in the curriculum.

All residents are required to take and maintain their BLS and ACLS certification offered at AUBMC. They are also required to take the Advanced Trauma Life Support (ATLS) course, which is currently offered by AUB and the ACS Lebanon Chapter.

All surgical residents have memberships in societies or associations pertinent to their specialty of training: the Resident and Associate Society of the American College of Surgeons (RAS-ACS) for all General Surgery, Neurosurgery and Plastic Surgery; the American Academy of Orthopedic Surgeons (AAOS) for Orthopedic Surgery, and the American Urological Association (AUA) for Urology residents.

Starting February 2011, the General Surgical residents were allowed to sit for the annual International American Board of Surgery In-training Exam (I-ABSITE). The General Surgery Residency program is accredited by the Royal College of Surgeons in Ireland (RCSI), and general surgery residents will be eligible to sit for the FRCSI. As of 2013, General Surgery graduates will be eligible to sit for the European Board of General Surgery Certification exam.

The Department of Surgery also offers fellowship training following the residency period in the following subspecialties: Trauma and Surgical Critical Care, and a two-year fellowship in Vascular Surgery.

**SURG 246  Clinical Clerkship  44.540.**

The third year surgery clerkship at AUBMC is a 12-week rotation consisting of 6 weeks on a core general surgical service (including a 2-week rotation on the cardiovascular service), 3 weeks in the Anesthesiology Department and 3 weeks on subspecialty surgical services (orthopedic surgery, neurosurgery, urologic surgery, or plastic surgery). The goal of the surgery clerkship is to introduce the student to the principles of caring for the surgical patient. This goal is accomplished by allowing the student to participate in the care of patients at the various stages of evaluation and treatment by the surgical faculty and their teams. These stages include, but are not limited to, the preoperative office or clinic visit, inpatient admission, operative procedures, and inpatient and outpatient recovery.

The clerkship is structured on the principle that learning is an active process, which can be accomplished only by the student. The role of the faculty and Housestaff is to provide guidance, motivation, and example. The third year clerkship educational experience is supplemented by a core curriculum set of lectures/clinical case discussions covering all the basic topics in general surgery and the surgical specialties, as well as multiple problem-based learning sessions designed by various faculty members. In addition, students participate in weekly teaching rounds with the Attending on-call in the pertinent rotation, as well as a weekly clinical case discussion with the Chairman. Students are required to attend all educational activities held in the department.

**SURG 268  Elective in Surgery  0.180-360.**

Knowledge of English is necessary. AUB fourth year students may elect to rotate through one or more of the following disciplines: general and pediatric surgery neurosurgery, orthopedic surgery, plastic surgery, and urology. Non-AUB third and fourth year medical students may elect
to rotate through one or more of the following disciplines: general (including pediatric surgery, cardiovascular surgery), neurosurgery, orthopedic surgery, plastic surgery and urology, depending on availability of spots. Non-AUB students act as observers only, for a period of one to two months. *No elective will be offered in the months of July and August.*

**SURG 269 Selective in Surgery 0.180-360.**
Selective is offered to fourth year AUB medical students only in Plastic Surgery. The program can accommodate up to two selective candidates at any point in time. Students rotating as selective will be evaluated on their efforts and participation during ward rounds and in the operating room. Students are expected to demonstrate appropriate bedside clinical presentations, diagnostic evaluation and the ability to develop and implement a management plan. The student is also expected to demonstrate ability in basic surgical skills such as suturing and knot tying. The faculty and the chief resident of the service will evaluate the individual student and will summarize the overall performance. In addition, students are offered a written MCQ exam at the end of the rotation. *No selective will be offered in the months of July and August.*

**SURG 288 Straight Internship 0.2882.**
The surgical interns are post-graduate first year trainees, selected by the Department of Surgery during or after their last year of medical school taking into consideration the following: previous academic performance, research experience, personal motivation, career goals and potential to achieve a successful academic and clinical career in surgery are evaluated during the selection process. The interns function as an integral part of the resident staff. Workup and general care of patients are the major responsibilities of the interns. They perform surgical procedures under supervision and actively participate in the various bedside rounds and educational conferences of the department. The interns rotate in General Surgery specialty teams and through other subspecialty services as per training requirements.

**Conferences**
A Departmental Grand Round is held once a month. Each division has its own weekly conference and teaching activities. Bedside teaching rounds are held at least once or twice a week. The trend is more toward bedside teaching rather than didactic teaching. A quality improvement conference is held biweekly in most divisions. Didactic teaching conferences are held each Tuesday and Thursday at 6:45 am to cover the surgical curriculum.

**Pathology and Journal Club Reviews**
Special lectures are delivered as the occasions arise, especially with visiting professorship lectures. Journal clubs are held monthly.
Affiliations

Currently there are several affiliations with the Department of Surgery based on agreements of cooperation:

- Makassed Hospital (since March 4, 1982)
- Rafic Hariri University Hospital (since June 9, 2005; only for urology)
- Notre Dame Liban – Jounieh (since September 2008)
- Al Janoub Hospital – Saida (since May 2009)
- Clemenceau Medical Center (since July 2009)
- Notre Dame Liban – Zgharta
- Mount Lebanon Hospital (since August 2010)
- Najjar Hospital (since February 2010)
- Khoury Hospital (BMG) (2012)
- Wahib Nini Hospital (2012)
- King’s College Hospital England (Transplant Rotation) (2014)

Additional affiliations are being explored.