

FACTS & FIGURES

Spring 2019



Our lives are dedicated to yours

INTRODUCTION

Since 1902, the American University of Beirut Medical Center (AUBMC) has been providing the highest standards of care to patients across Lebanon and the region. It is also the teaching hospital for the Faculty of Medicine (FM) at AUB. Established in 1867, the Faculty of Medicine has trained generations of medical students and physicians, and its graduates can be found at leading institutions around the world.

AUBMC is the first medical institution in the Middle East to have earned five international accreditations of Joint Commission International (JCI), Magnet, College of American Pathologists (CAP), Joint Accreditation Committee for EBMT and ISCT Europe (JACIE), and the Accreditation Council for Graduate Medical Education - International (ACGME-I) attesting to its superior standards in patient-centered care, nursing, pathology/laboratory services, and graduate medical education. AUBMC's impact on the medical sector and on improving people's lives is without equal in the Arab world.

AUB Faculty of Medicine also received the World Federation Medical Education full accreditation from the Association for Evaluation and Accreditation of Medical Education Programs (TEPDAD) International Medical Education Accreditation Council.

On July 1, 2009, the Faculty of Medicine (FM) and its Medical Center (AUBMC) embarked on a transformational journey towards re-joining the ranks of leading American academic medical centers. This transformational journey was made possible by three underpinning principles: vision, teamwork, and the creation of leaders. Rooted in a history of experience and excellence, AUBMC had the opportunity to re-affirm its position as the leading academic medical center and healthcare institution in the region by transforming medical education, research, and clinical care, while maintaining a sound business plan.

In June 2010, a year after the new leadership took over; the Board of Trustees (BOT) unanimously approved our new vision, the "AUBMC 2020 Vision", in a historic vote. The vision entailed "becoming the leading academic medical center in Lebanon and the region by delivering excellence in patient-centered care, outstanding education, and innovative research." Six main pillars were identified as the paths to guide AUBMC towards successfully achieving its ambitious 2020 Vision. Since then, significant progress has been made along each path with many noteworthy and momentous achievements.

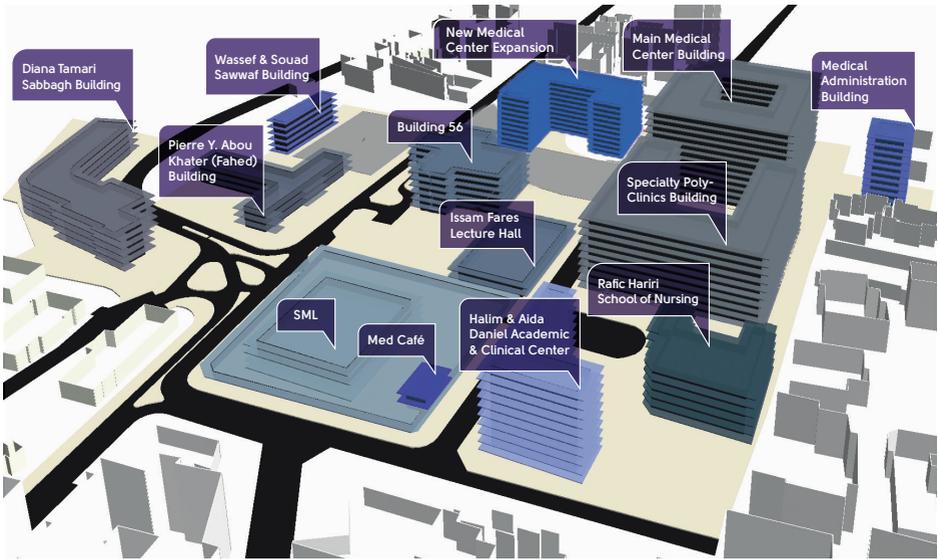
Today, AUBMC 2020 Vision gives way for a more comprehensive integration as we journey towards the new AUB's 2030 Vision. In tandem, the university has outlined its Health 2025 Vision to establish the first Health Sciences Center in the region, for the purpose of focusing on unifying health initiatives across AUB, aligning efforts, and leveraging our strengths to realize our vision in health.

OUR MISSION STATEMENT

The American University of Beirut Medical Center (AUBMC) is an academic medical center dedicated to the passionate pursuit of improving the health of the community in Lebanon and the region through the delivery of exceptional and comprehensive quality care to our patients, excellence in education and training, and leadership in innovative research.

OUR 2020 VISION

To be the leading academic medical center in Lebanon and the region by delivering excellence in patient-centered care, outstanding education and innovative research.



6 MAIN PATHS TO ACHIEVING THE AUBMC 2020 VISION

- Providing patients with the highest standards of patient-centered care.
- Recruitment of top-caliber, highly specialized, and accomplished faculty.
- Academic innovation through the creation of clinical and research centers of excellence, and the provision of outstanding medical education.
- Establishment of strategic partnerships and collaborations locally, regionally, and internationally.
- Investing in and expanding our facilities to meet the needs of the people of Lebanon and the region.
- Supporting the health of local and regional patients in need by ensuring their access to care.

AUBMC AND FM LEADERSHIP TEAM

- **Dr. Ghazi Zaatari**
Interim Dean of the Faculty of Medicine at AUB
- **Dr. Ziyad B. Ghazzal**
Interim Medical Center Director and Chief Medical Officer
Founding Director of the Heart and Vascular Clinical Center of Excellence
- **Dr. Kamal Badr**
Associate Dean for Medical Education
- **Dr. Ali Bazarbachi**
Associate Dean for Basic Research
- **Dr. Fadi Bitar**
Associate Dean for External Medical Affairs
- **Dr. Samia Khoury**
Associate Dean for Translational and Clinical Research
- **Dr. Samir Alam**
Chief of Staff
- **Ms. Iman Kouatly**
Director of Nursing Services
- **Dr. Maher Soubra**
Director of Clinical and Patient Affairs and Director of Specialty Clinics
- **Dr. Petra Khoury**
Chief Quality and Compliance Officer
- **Mr. David Deeb**
Chief Facilities Engineer
- **Dr. Ghassan Hamadeh**
Chief Medical Information Officer
- **Mr. Walid Uthman**
Chief Financial Officer
- **Ms. Noha Hachach**
Director of Medical and Health Strategy, Director of AUBMC Affiliations
- **Mr. Alain Eid**
Director of the Capital Projects Planning, Management and Transition Office

- **Ms. Roudaina Haddad**
Director of Human
Resources
- **Dr. Eveline Hitti**
Deputy Chief
Medical Officer
- **Mr. Imad Sadek**
Deputy Medical
Center Director for
Operations and
Director of External
Medical Affairs

PATIENT VISITS

AUBMC is considered the main tertiary/quaternary referral medical center in Lebanon and the region. AUBMC operates 376 beds, serving 44,728 inpatients annually. The outpatient facilities receive 425,661 outpatient visits annually (339,040 private, 31,381 outpatient department, and 55,240 emergencies). AUBMC seeks to provide the highest standards of patient-centered care, quality and safety, partnered with service excellence.

CENTERS OF EXCELLENCE

Clinical Centers of Excellence

AUBMC is now home to five clinical Centers of Excellence: the Abu-Haidar Neuroscience Institute (AHNI), which is dedicated to clinical and basic neurosciences; the Children's Cancer Center of Lebanon (CCCL), which is affiliated with St. Jude Children's Research Hospital in Memphis, Tennessee, and serves as a referral center for Lebanon and the region for pediatric cancer; the Naef K. Basile Cancer Center (NKBCI), which is dedicated to the treatment of adult cancers; the Nehme and Therese Tohme Multiple Sclerosis (MS) Center, the first MS Center in the Middle East; and the Mufid Farra Heart and Vascular Outpatient Center.

Research Centers of Excellence

AUB's Faculty of Medicine and Medical Center aim to serve as the regional hub for research initiatives by addressing the research needs of the region, improving research standards especially for human subject research, and increasing partnerships and research collaborations between institutions as well as within AUB.

Research Centers of Excellence are also being established to take basic and clinical research at AUB to international standards. The goal is to establish five Basic and Translational Research Centers of Excellence in:

- Cancer Biology
- Cardiovascular Sciences
- Genetics
- Neuroscience
- Therapeutic Stem Cells

Clinical Research

AUB and the Faculty of Medicine are committed to leading clinical research. As such, they have created the Human Resource Protection Program (HRPP), which will help AUBMC to be at the forefront of ensuring ethical treatment of human research participants aligned with the highest standards.

The mission of the Clinical Research Institute (CRI) is to build capacity in clinical research and provide faculty members with the infrastructure and services to support them in conducting innovative clinical research. The CRI includes 4 units (Biostatistics Unit, Clinical Epidemiology Unit, Clinical Research Unit, and Research Education Unit), 5 programs (Faculty Advancement Program, Nursing Advancement Program, Fellowship and Residency Research Program, Medical Research Volunteer Program, and Research Personnel Program), in addition to one center, the AUB GRADE Center.

Evidence-Based Healthcare Management Unit (EHMU)

EMHU is a cross-disciplinary research unit based in the Faculty of Medicine (FM) at the American University of Beirut (AUB) and includes members from Olayan School of Business (OSB), Faculty of Health Sciences (FHS), Hariri School of Nursing (HSON), Faculty of Engineering and Architecture (FEA), and AUBMC. Launched in 2010, EHMU aims to contribute to the development and improvement and strengthening of management and leadership in healthcare settings through the promotion of evidence-based decision making both academically and practically.

Bioethics and Professionalism

AUBMC is the first institution in the region to launch a Bioethics and Professionalism Program. The Salim El-Hoss Bioethics and Professionalism Program (SHBPP) at the American University of Beirut Faculty of Medicine (AUB FM) is an interdisciplinary resource for faculty, students, healthcare providers and policy makers who are involved in bioethics education, medical professionalism and humanism, research, and consultation in Lebanon and the region.

VALUES

RESPECT
INTEGRITY
TEAMWORK &
COLLABORATION
ACCOUNTABILITY
STEWARDSHIP
DIVERSITY

FACULTY OF MEDICINE DEPARTMENTS

- Anesthesiology
- Biochemistry and Molecular Genetics
- Anatomy, Cell Biology, and Physiology
- Dermatology
- Diagnostic Radiology
- Emergency Medicine
- Experimental Pathology, Microbiology and Immunology
- Family Medicine
- Internal Medicine
- Neurology
- Obstetrics and Gynecology
- Ophthalmology
- Otolaryngology
- Pathology and Laboratory Medicine
- Pediatrics and Adolescent Medicine
- Pharmacology and Toxicology
- Psychiatry
- Radiation Oncology
- Surgery

SPECIALIZED CLINICAL SERVICES/PROGRAMS

Multiple services (including Centers of Excellence, specialized clinical services and units) were established to meet the needs of our patients. These services target health areas that are prevalent or important to Lebanon and allow AUBMC to lead the delivery of patient care through a focus on a comprehensive and multidisciplinary approach. This approach is believed to improve patient outcomes and satisfaction.

FM STUDENTS

113 students admitted to medical program 2018-2019

FIRST-YEAR STUDENTS

- AUB: 106
- Non-AUB: 9

FIRST-YEAR MD CLASS, ENTERED FALL 2018

- Applicants: 234
- AUB: 149
- Non-AUB: 85

TOTAL FM STUDENTS ENROLLED, FALL 2018

- MD Program Medicine I: 115
- Medicine II: 109
- Medicine III: 104
- Medicine IV: 106

MD FINANCIAL AID, FISCAL YEAR 2018

- Number of medical students applied for financial aid: 327
- Number of medical students received financial aid: 306
- Students receiving financial aid: 94 % (excluding MD-PhD students)
- Amount of financial aid received: USD 4,591,458

AUBMC/FM COLLABORATING HOSPITALS & INSTITUTIONS

NATIONAL:

Advanced Medical
Services (AMS)

Ain Wa Zein

Al-Janub Hospital

Al Zahraa
University Hospital

Beirut Arab University (BAU)

Bikhazi Hospital

Center Hospitalier
du Nord (CHN)

Chronic Care Center

Chtoura Hospital

CHU-NDS

Clemenceau Medical
Center (CMC)

Deir El-Salib

Hammoud Hospital
University Medical Center
(HHUMC)

Patients can receive all their medical needs from a team of healthcare professionals dedicated to their treatment. In addition to the four Centers of Excellence mentioned above, below is a list of some of the specialized clinical services and units available at AUBMC:

- AUBMC Special Kids Clinic (ASKC)
- Balance Center
- Cardiac Rehabilitation Center
- Calcium Metabolism and Osteoporosis Program-Bone Density Unit
- Center for Skull Base Surgery
- Children's Heart Center (supported by the Brave Heart Fund)
- Comprehensive Adult and Pediatric Epilepsy Program
- Executive Health and Travel Medicine Program
- Hamdan Voice Unit
- Inherited Metabolic Disease Program (IMDP)
- International Patients' Services
- Mamdouha El-Sayyed Bobst Breast Unit
- Metabolic and Bariatric Surgery Unit
- Mikati Foundation Hepatopancreaticobiliary and Liver Transplantation Unit
- Developmental Care and Early Intervention Program (DCEIP)
- Pulmonary Rehabilitation Program
- The Dr. Agnes Varis Healing Program for Substance Use Disorders
- Women's Health Center
- Wound Care Center

OUR CERTIFICATIONS/ ACCREDITATIONS

- Certification by the Lebanese Ministry of Public Health
- Joint Commission International (JCI)—AUBMC was the 1st Medical Center in Lebanon to receive JCI accreditation
- Magnet® designation—AUBMC was the 1st Medical Center in the Middle-East to receive this honor and the 2nd outside the US to receive Magnet designation twice.

AUBMC/FM COLLABORATING HOSPITALS & INSTITUTIONS

Al Mayyas Company

Keserwan Medical
Center (KMC)

LASeR Lebanese Military
Hospital (Public Health)

Lebanese Military Hospital

Makassed General Hospital

Makhzoumi Foundation

Mamdouha EL-Sayed Cancer
Center of Tripoli (Signed with
New Mazloum Hospital (NMH))

Medrar Medical Center
(MMC)

Moadieh Evangelical Center
(MEC)

Mount Lebanon Hospital

Gharios Medical
Center S.A.L.

Nabih Berry University
Governmental Hospital
(NBUGH) and Advanced
Medical Services (AMS)

- College of American Pathologists (CAP)—AUBMC's Department of Pathology and Laboratory Medicine was the 1st in Lebanon to gain CAP accreditation.
- Joint Accreditation Committee for EBMT and ISCT Europe (JACIE)—AUBMC's Bone Marrow Transplant Unit was the 1st in Lebanon to acquire this accreditation.
- ACGME-I—AUBMC was the 1st Medical Center in Lebanon to receive ACGME-I accreditation.
- AUB Faculty of Medicine receives World Federation Medical Education full accreditation from the Association for Evaluation and Accreditation of Medical Education Programs (TEPDAD) International Medical Education Accreditation Council.

HSON Accreditation

The Commission on Collegiate Nursing Education CCNE (<http://www.aacn.nche.edu/ccne-accreditation>) has acted to reaccredit Bachelor's and Master's nursing programs at the Rafic Hariri School of Nursing (HSON) for 10 years retroactive to May 14, 2012.

FACULTY OF MEDICINE

- Total Faculty: 382
- Assistant Professors: 114
- Associate Professors: 90
- Full Professors: 111
- Faculty Instructors: 42
- Professor Emeritus: 7
- Adjunct Faculty: 17
- Senior Lecturer: 1
- Trainees: 361 resident physicians and 79 postdoctoral fellows

STAFF MEMBERS AT AUBMC AND FM

- FM Staff: 116 non-academic staff, 146 Research Assistants, and 124 Research Fellows
- AUBMC Staff: 3310

AUBMC/FM COLLABORATING HOSPITALS & INSTITUTIONS

Najjar Hospital

New Mazloun Hospital
(NMH)

Novartis

Rafik Hariri University
Hospital (RHUH)

Rosaire

Saida Governmental
Hospital (SGH)

Tahaddi Lebanon

Yaduna / WHHC & USJFM

Zahle Medical Center

REGIONAL:

Balsam Health Services

Juzoor

King Hussein Cancer Center

Shaikh Khalifa Medical City
(SKMC)

OFFICES AND DEPARTMENTS

Continuing Medical Education (CME) Office

The Continuing Medical Education Office at AUBMC, in joint sponsorship with the Cleveland Clinic Foundation, provides credits and accreditation for physicians, nurses and Healthcare Professionals (HCPs). Physicians in Lebanon and the region can now attend educational workshops in Lebanon and gain AMA or ANCC credits without traveling. This places AUBMC in a leadership role to continue to serve the medical educational needs of physicians and nurses in Lebanon and the region with the overarching goal of improving healthcare delivery.

External Medical Affairs (EMA) Office

Established in 2010, the EMA Office provides customer centered assistance to health institutions/schools, creates new opportunities and markets to the FM/AUBMC in the areas of medical service, education, and research, and supervises the exchange of experts in the fields of health and medical sciences.

Patient Affairs Unit

Aligned with AUBMC's goal to provide patient centered care and service excellence, the Patient Affairs Unit was established in September 2010. The mandate of the unit is to ensure patient satisfaction and optimal patient experience for all those who visit to AUBMC. The office caters for various services including Patient Advocacy, Patient Education, Complaint Management, Volunteering, and Patient Satisfaction.

The Department of Communications and Public Relations

The Department of Communications and Public Relations at AUBMC is the focal point of all strategic communications for the Medical Center and the Faculty of Medicine. The department ensures that patients, healthcare providers and the community are aware of the excellent services provided by AUBMC/FM, as well as the changes that will be coming as part of the AUBMC 2020 Vision. In addition to strategic communications, the Department is also responsible for public relations, media relations, and marketing initiatives.

AUBMC/FM COLLABORATING HOSPITALS & INSTITUTIONS

INTERNATIONAL:

American Institute for
Radiologic Pathology (AIRP)

Cleveland Clinic

College of Physicians and
Surgeons at
Columbia University

Creighton University

Duke University Hospital

Duke University

George Washington
University Medical Center
(GWU)

IEMEST (Palermo, Italy)

Medical University of
South Carolina (MUSC)

Oncodistinct

Philips Healthcare

St. George's University of
London / Medical School
at the University of Nicosia

St. Jude's Children Research
Hospital

NEWLY ESTABLISHED BUILDINGS

Medical Administration Building

The new Medical Administration Building is a 10-story building that includes three underground and seven above ground floors. It houses several administrative and operational functions of the Medical Center including different departments such as those related to purchasing, finance, and human resources etc. The building is part of the expansion plan the Medical Center is undergoing in line with AUBMC 2020 Vision. It provides a harmonious work culture for employees.

The Halim and Aida Daniel Academic and Clinical Center

The Halim and Aida Daniel Academic and Clinical Center (Daniel ACC) combines patient care, research, and education, all in one place. It has 9 floors and houses 3 state-of-the-art educational centers, numerous outpatient clinics, a same day surgery floor as well as 5 levels of underground parking. The Daniel ACC, inaugurated in 2018, will allow for the expansion of numerous services including Ambulatory Surgery and Centers of Excellence.

SAAB MEDICAL LIBRARY

The Saab Medical Library (SML), a partner of the university's healthcare system, serves as a gateway to international up-to-date electronic and print biomedical information, assisting AUB in accomplishing its mission and goals in the medical education, advancement of knowledge through research, delivery of quality healthcare and outstanding community services. Its resources focus on those that assist in the practice of Evidence-Based medicine. In addition to its good collection, the librarians provide professional services to all its users as well to other non-AUB healthcare professionals.

Collections

- 40 e-databases
- 10,000 e-journals
- 25,000 e-books
- 20,000 print books

AUBMC/FM COLLABORATING HOSPITALS & INSTITUTIONS

The Board of Trustees of the
University of Illinois

The Voice Foundation

University of Chicago

University of Maryland

Universite Paris-EST Creteil
Val De Marine

University of Technology,
Sydney (SON)

Villanova

Special Collections

- 2000 hardcopy historical books
- 22 Digitized History of Medicine Collection
- Lebanon Hospital for the Insane annual reports, photos, etc.
- Avicenna's Book of Canon, 1593 with translated Table of Content and Index and links to original text

Lebanese Corner

A repository of Lebanese medical publications (9000 documents), this is a valuable resource to researchers interested in health in Lebanon as it houses mainly grey literature that is not captured anywhere else.

Evidence by Specialty

A collection of the latest EBM documents by subject specialty.

All of the above collections are housed in a user-friendly home page that is accessible also remotely 24/7.

**GREAT
CARE
IS THE
BEST
MEDICINE**



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