

American University of Beirut  
Medical Center

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A FUTURE OF EXCEPTIONAL CARE



Our lives are dedicated to yours

## A GLIMPSE AT AUBMC

Since 1902, the American University of Beirut Medical Center (AUBMC) has maintained its status as the most trusted and respected healthcare provider in Lebanon and the region. With its passionate pursuit of growth and improvement, AUBMC is dedicated to delivering exceptional and comprehensive care to patients, excellence in education and training, and leadership in innovative research.

AUBMC has led the way by pioneering medical services and providing incomparable standards of quality healthcare for over a century. Building on AUB's strong foundations in medical education and health care, the AUBMC 2020 Vision was launched in 2010 as an ambitious and comprehensive initiative that affirms AUBMC's position as the leading medical center and healthcare institution in the region.



## OUR ACCREDITATIONS

AUBMC was the first medical institution in the Middle East to have earned the four international accreditations to:

THE JOINT COMMISSION INTERNATIONAL (JCI)	MAGNET®	THE COLLEGE OF AMERICAN PATHOLOGISTS (CAP)	ACGME-I
<p>AUBMC was the first hospital located outside the United States to be accredited in 1956 by the Joint Commission on Accreditation of Hospitals. The hospital was repeatedly surveyed since and maintained its accreditation till 1986. During war time the JCI surveyor team refrained from coming to Lebanon but when they resumed their surveys AUBMC was reaccredited again in 2007 and has been reaccredited every three years since.</p>	<p>AUBMC was the only medical institution in the Middle East and the first in Lebanon to get Magnet® accredited in 2009. The Magnet Recognition Program by the American Nurses Credentialing Center recognizes healthcare organizations for providing excellence in nursing.</p>	<p>The College of American Pathologists (CAP) is the worldwide leader in laboratory quality assurance, providing laboratories guidelines for high-quality and cost-effective patient care. In Lebanon, AUBMC is the only CAP accredited institution.</p>	<p>AUBMC became the first medical center in Lebanon and the fourth in the world to receive institutional accreditation from the Accreditation Council for Graduate Medical Education – International (ACGME-I). The accreditation became effective as of July 2014.</p> <p>AUBMC was also granted accreditation of specific residency programs effective July 2015 in four programs: Internal Medicine, Family Medicine, Emergency Medicine, Obstetrics and Gynecology. The accreditations were granted based on two aspects: foundational and advanced Specialty.</p>

# PATIENT CARE

## CENTERS OF EXCELLENCE

AUBMC is now home to four 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, 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, which is dedicated to the treatment of adult cancers.
- The Multiple Sclerosis (MS) Center, the first MS Center in the Middle East.

These Centers of Excellence have strong, clinical, educational and research programs in diseases specific to the region.

## OUR SERVICES

### Our Medical Specialties

At AUBMC, we provide our patients with a diverse range of medical specialties of exceptional quality. They include:

- Cardiology and cardiac imaging
- Diagnostic Radiology
- Endocrinology
- Infectious Disease
- Neurology
- Neurosurgery
- Obstetrics/Gynecology
- Oncology
- Pediatrics and Adolescent Medicine
- Pediatric Cardiology and Cardiac Surgery
- Psychiatry
- Radiation Oncology
- Surgery, including a robotic surgery program

### Our Specialized Clinical Programs and Services

- 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)
- Child Protection Program
- Comprehensive Adult and Pediatric Epilepsy Program
- Executive Health and Travel Medicine Program
- Hamdan Voice Unit
- Inherited Metabolic Disease Program (IMPD)
- Inborn Errors of Metabolism (IEM) Program
- International Patients' Services
- Mamdouha El-Sayyed Bobst Breast Unit
- Metabolic and Bariatric Surgery Unit
- Mikati Foundation Hepatopancreaticobiliary and Liver Transplantation Unit
- Pulmonary Rehabilitation Program
- Preventive Cardiology Clinic
- The Dr. Agnes Varis Healing Program for Substance Use Disorder
- Women's Health Center
- Wound Care Center

## FEW FIRSTS AND HUNDREDS OF INNOVATIONS...

- First Multiple Sclerosis Center in the region
- First center in the Middle East fully dedicated to women's breast health
- First Special Kids Clinic in Lebanon providing expert detection, diagnosis and total care for neurologically-impaired kids
- First medical center to open Metabolic and Bariatric Surgery Unit
- First to open the Dr. Agnes Healing Program for Substance Use Disorders
- First medical institution to open a comprehensive multidisciplinary Balance Center in Lebanon
- First Partial Hospitalization program for adolescents in Lebanon
- First Amyotrophic Lateral Sclerosis (ALS) Neurology Clinic in the Middle East
- First Preventive Cardiology Clinic and framework for the First Heart and Vascular Center of Excellence in Lebanon
- The only multidisciplinary oncology program in Lebanon and the region
- First multidisciplinary Advanced Head and Neck Oncology and Microvascular Reconstructive Surgery Program in Lebanon, specializing in the treatment of head and neck tumors
- First comprehensive, multidisciplinary Neuroscience Outpatient Center in Lebanon including the Epilepsy Program, the Headache Clinic and the Movement Disorders Program
- First medical institution in Lebanon to perform an unrelated donor allogeneic bone marrow transplant
- First to execute the renal denervation procedure for the treatment of hypertension in Lebanon and the region
- First medical institution to perform an endobronchial ultrasound (EBUS)-guided needle aspiration of thoracic lymph glands in the region, to identify and diagnose thoracic cancer
- The first medical institution to implement the Image Guided Radiotherapy Treatment (IGRT)
- The first medical institution to perform a virtually-augmented surgery using Google Glasses in Lebanon and the region
- First to introduce the 3D printing program in complex congenital heart disease in Lebanon and the region

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THROUGH REPEATED CLINICAL TRIALS, AUBMC RESEARCHERS & CLINICIANS HAVE UNVEILED A NOVEL FORM OF PRECISE ELECTROCONVULSIVE THERAPY (ECT) CALLED FEAST - FOCAL ELECTRICALLY ADMINISTERED SEIZURE THERAPY – TO TREAT SEVERE DEPRESSION. THE TRIAL WAS THE FIRST HUMAN USE OF FEAST.

IN 2006, THE CHILDREN HEART CENTER (CHC) REVEALED ITS FIRST RESEARCH FINDING – THE GATA4 GENE, RESPONSIBLE FOR CHILDREN HEART PROBLEMS. IN 2012, CHC PIONEERS REVEALED YET ANOTHER TRAILBLAZING DISCOVERY – THE FIRST OF ITS KIND IN THE FIELD OF CONGENITAL HEART DISEASES – THE NFACT1 GENE RESPONSIBLE FOR THE FORMATION OF HEART VALVE DEFECTS.

## OUR COMMITMENT TO RESEARCH EXCELLENCE

Cutting-edge medical and scientific research complements the supreme patient-centered care that AUBMC provides and paves the way for more effective, precise and refined forms of treatment. Consequently, we have laid the foundations for five Basic and Translational Research Centers of Excellence:

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

AUBMC has also positioned itself as the regional hub for clinical, human subject, bioethics and mental health research by being home to the only Clinical Research Institute in the region, the Regional Center for Mental Health Studies, the Salim El Hoss Bioethics & Professionalism Program and the Human Research Protection Program.

## OUR MEDICAL EDUCATION, TRAINING & STAFF

Providing outstanding medical education and creating highly committed healthcare practitioners are both primary objectives of AUBMC. Together with AUB's Faculty of Medicine and its multiple departments, AUBMC welcomes hundreds of students and trainees (resident physicians and postdoctoral fellows) yearly, providing them with hands-on experience and exposure to more than 300 top-notch faculty members. Also, through our Continuing Medical Education (CME) and External Medical Affairs (EMA) Offices, AUBMC has provided education and hands on training to thousands of healthcare professionals from across the region sharing practical knowledge and expertise that they can then take back to benefit the people of their country.

## OUR 2020 VISION

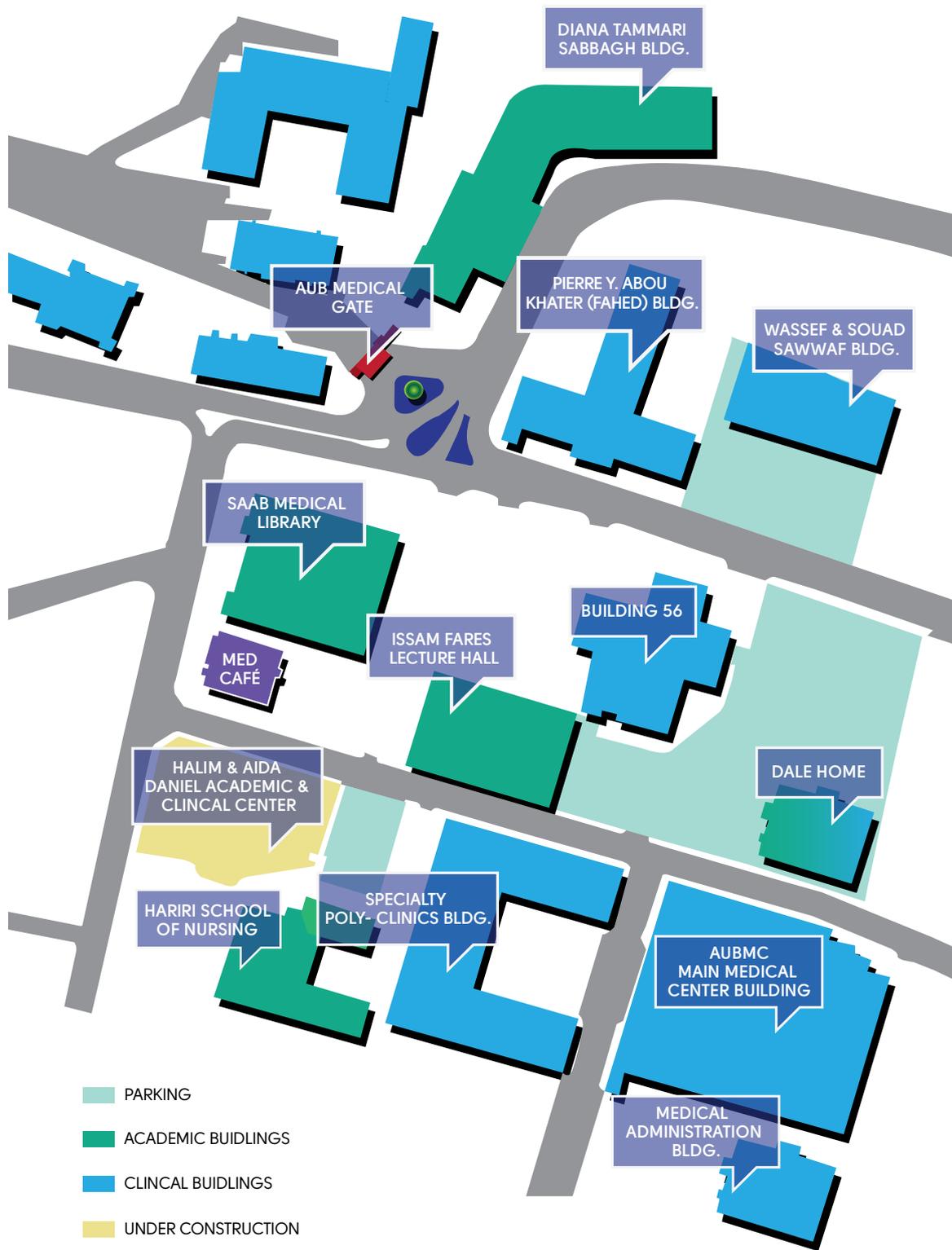
IN 2010, THE AMERICAN UNIVERSITY OF BEIRUT SET OUT A WELL-DEFINED STRATEGY TO GROW, EXPAND AND IMPROVE AUBMC, BUILDING ON ITS STRONG FOUNDATIONS IN MEDICAL EDUCATION AND HEALTH CARE. THE STRATEGY IS KNOWN AS **"AUBMC 2020 VISION."**



The AUBMC 2020 Vision is transforming medical education, research and practice, and most importantly, medical care in the region, bringing them to new levels of excellence. It consists of major new medical (clinical and academic) facilities, the establishment of clinical and research centers of excellence, investment in state-of-the-art equipment, recruitment of talented physicians and nurses, and regional and international partnerships.

### **The first and only reverse brain drain success model in Lebanon and the region**

Since July 2009, the AUB Faculty of Medicine and AUBMC have been able to recruit 134 faculty members from top institutions around the world to come back to Lebanon, bringing their exceptional and unique skills with them to the Middle East.



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