



Naef K. Basile Cancer Institute (NKBCI)

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**NAEF K. BASILE
CANCER INSTITUTE**
AMERICAN UNIVERSITY OF BEIRUT

معهد نايف ك. باسيل للسرطان في الجامعة الأميركية في بيروت



AUBMC

AMERICAN UNIVERSITY OF BEIRUT MEDICAL CENTER
المركز الطبي في الجامعة الأميركية في بيروت

Our lives are dedicated to yours



In your fight against cancer, our dedication will keep you strong.

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The Naef K. Basile Cancer institute (NKBCI) is a state-of-the-art adult cancer facility that provides comprehensive cancer prevention, diagnosis, and treatment in addition to education and research.

The NKBCI includes a multidisciplinary specialized group responsible for diagnosing and treating patients with cancer and establishing programs for health education related to cancer prevention and early diagnosis. Through its partnership with the Naef Basile Foundation, AUBMC has expanded and developed its oncology services to reach out to more patients in Lebanon and the region.

History

The Naef K. Basile Cancer Institute (NKBCI) at the American University of Beirut Medical Center (AUBMC) became operational in 2007 upon receiving a generous contribution by the Naef K. Basile Foundation. The foundation was first established in 1995 following the death of Dr. Naef Basile, a Lebanese-American obstetrician-gynecologist whose lifelong wish was to give back to his country of birth through founding a cutting-edge cancer institute that would compare to the best cancer centers in the world.



Our Vision

To be a leading institute for cancer prevention and treatment through promoting excellence in patient care, research, and education and enhancing effectiveness and collaboration among cancer programs and healthcare providers.

Our Mission

The mission of the Naef K. Basile Cancer Institute (NKBCI) at the American University of Beirut Faculty of Medicine (AUBMC FM) is to reduce the burden of cancer in Lebanon and the region through the application of state-of-the-art medical knowledge and technology and the development of integrated and advanced programs in patient care, research, education and prevention.

Our Services

NKBCI facilities have been originally set up to contain a spacious patient and family area that allows a friendly environment. Our commitment to patients goes beyond the delivery of sophisticated care; we respect the individual needs of all those who seek our care and work to empower patients with the knowledge and support they need to successfully fight cancer.

The Naef K. Basile Cancer Institute (NKBCI) at AUBMC serves as the Adult Hematology Oncology and Radiation Therapy Unit. NKBCI provides consultation services and care to patients with Solid Tumor and Hematological Malignancies in Lebanon and the region.

The Naef K. Basile Cancer Institute (NKBCI) consists of 4 major service units:

- Ambulatory Treatment Unit (Outpatient)
- Inpatient Unit
- Stem Cell Transplant Unit
- Radiotherapy Unit

PATIENT CARE STATISTICS

(AVERAGE ANNUAL NUMBERS)

2500

New cancer patients enrolled

12100

Hematology Oncology clinic visits

13000

Treatments at the ambulatory treatment unit

12000

Inpatient admissions (Hematology Oncology)

100

Stem cells transplants

18000

Radiation therapy treatments

900

Patients treated at the Radiation Therapy Unit

2300

Radiation Oncology clinic visits

Ambulatory Treatment Unit (ATU)

The outpatient facility, located on the ground and second floors in Building 56 at AUBMC, can accommodate up to 29 outpatients concurrently allowing for significant increase in services in extended hours. Patients are admitted to the outpatient facility for chemotherapy, physical examinations, procedures, IV antibiotics, blood transfusions, and blood studies. Procedures such as bone marrow aspirates and biopsies are performed in the outpatient unit under conscious sedation. Moreover, patients are prepared in the outpatient area and referred for radiotherapy or for sophisticated laboratory and other studies such as MRI that require central device access and general anesthesia.

The average number of patients visiting the Ambulatory Treatment Unit per day is 60 - 65 patients.



Inpatient Unit (IU)

The NKBCI inpatient facility is a multidisciplinary care unit located on the eighth floor of AUBMC including 32 patient beds. Patients are admitted to the inpatient facility for chemotherapy, procedures, investigation and management, and for treatment of underlying complications.

The average number of patients admitted in the inpatient unit per month is 228 with an average length of stay of 2.5 days.

Stem Cell Transplant Unit (SCT)

The NKBCI BMT Unit located on the eighth floor of AUBMC includes 8 positive pressures and High-Efficiency Particulate Air (HEPA) filtered rooms. Patients are admitted to the BMT Unit for stem cells transplantation, stem cells collection, and treatment of underlying complications post a transplant.

Providing the highest quality care standards, we have been able to cover for a continuously increasing number of stem cells transplants that has been observed across the past few years with the successful completion of 90 transplants in 2014 and 102 transplants in 2015. The forecasted number of transplants for the year 2016 is 130.



Radiation Oncology Unit (RO)

The Radiotherapy Unit is located on the basement floor of AUBMC. It includes four examination rooms, two treatment areas, one simulation room, a dosimetry lab, a brachytherapy room, and one laboratory. It uses state-of-the-art equipment to provide treatment for an average of 600 patients per year. The unit is actively involved in multi-disciplinary cancer management and high-dose rate brachytherapy, Intensity Modulated Radiotherapy (IMRT), Image Guided Radiotherapy (IGRT), Stereotactic Radiosurgery (SRS), and Fractionated Stereotactic Radiotherapy (SRT). With all these services, the unit currently provides patients with improved results and reduced side effects.



Other Services

Our services include but are not limited to the Oncology Program, Bone Marrow and Stem Cell Transplantation (Autologous and Allogeneic) Program, Research and Data Management, Educational Programs, Social Work Activities, Outreach Programs, and International Affiliations. Through its multidisciplinary team of physicians, nurses, administration and researchers, NKBCI attracts patients from Lebanon and the region who are seeking comprehensive care.

Outreach Programs

Local Collaborations

- Nabatieh Governmental University Hospital
- Keserwan Medical Center
- Medrar Cancer Center

Regional and International Collaborations

At the Naef K. Basile Cancer Institute, we have established regional and international collaborations with sister institutions that enhance teaching, training, management of cases, and research activities. Current collaborations include:

International	Regional
MD Anderson Cancer Center - Texas, USA	King Hussein Cancer Center - Amman, Jordan
Memorial Sloan Kettering Cancer Center - New York, USA	King Faisal Specialist Hospital and Research Center – Riyadh, KSA
Winship Cancer Institute - Emory University - Atlanta, USA	

Education

The main objective behind the 4-year residency program at the Department of Radiation Oncology and the 3-year fellowship program at the Division of Hematology Oncology-Department of Internal Medicine at AUBMC is to train specialists to serve in the region and identify unique individuals with outstanding research potential for further training in the United States. NKBCI physicians are involved in training residents and fellows in both the Inpatient (including SCT Unit) and Outpatient Units.

Team Members

Naef K. Basile Cancer Institute includes more than 150 faculty and staff including Director, Deputy Director for Academic and Research Affairs, Chairman of the Department of Radiation Therapy, Head of the Hematology Oncology Division, physicians, clinical associates, fellows, residents, clinical department administrators, nurse leader, nurse managers, clinical nurses coordinators, registered nurses, physicists, pharmacists, technicians, data manager, tumor registry assistant, clinical trials coordinators, quality officer, palliative care staff, secretaries, social worker, clinic assistants, clerks, messengers, nurse aids, orderlies, schedulers, and filing staff.

Data Management and Clinical Research Unit

Initiated in 2013, the Data Management and Clinical Research Unit was established at the Naef K. Basile Cancer Institute, and it contained the previously established Tumor Registry (1970). Since the volume of patients treated and diagnosed with cancer over the past decade has been continuously increasing, founding this unit was essential for researchers to collaborate and combine basic, translational, and clinical research to explore ways to prevent, control, and treat cancer. Working hand in hand with a multidisciplinary team of health practitioners, nurses, doctors, and researchers, our aim is to support and improve cancer research, analysis, and data management.

The three components complementarily aim at expanding research quality and management.

- The AUBMC cancer registry is an information system designed for the collection, management and analysis of data on patients with diagnosis of a malignant or neoplastic disease (cancer). Cancer registration is a global method to report cancer incidence, the types of cancer that occur (site and morphology), and demographic information.
- Data management plays a major role in collecting data on diagnostic findings, treatment, and follow up in the cancer database through the recently developed E-forms, adopted from the latest American Society of Clinical Oncology (ASCO) cancer-specific forms.
- The clinical research unit manages current research and ongoing clinical trials.

RESEARCH ACTIVITY

(AVERAGE ANNUAL NUMBERS)

80

Ongoing studies

75

Publications in recognized journals

30

Grants for research studies for more than 350,000 USD per year

CONFERENCES AND MULTI-DISCIPLINARY GROUP CONSULTATIONS

7

Annual National Accredited Continuing Medical Education activities

5

Multidisciplinary weekly meetings

Social Work Services and Needy Patient Fund

Social work activities at NKBCI started with individual efforts from cancer survivors. Ladies who survived breast cancer initiated a support group to help other diagnosed women overcome all the negative vibrations. Their aim was to inspire hope to those affected by breast cancer through early detection, education, and support services.

NKBCI established centralized social work services dedicated to:

- Providing the necessary support and assistance to the patient in the medical and psychiatric setting in the spirit of the Service of Excellence.
- Helping families adjust to social, psychological, and economic problems resulting from patients' illness especially during crisis.

Needy Patient Fund

In addition to the existing Breast Cancer Needy Patient Fund that has helped since its establishment a total of 765 breast cancer patients distributed across the different provinces of Lebanon, a new fund was established in 2016 to support adult needy cancer patients. Treatment of cancer is costly and not affordable to many of the Lebanese population. This fund will be utilized to cover for the medical expenses needed for diagnosis and therapy of adult needy cancer patients.



Why come to us?

The Naef K. Basile Cancer Institute (NKBCI) at the American University of Beirut Medical Center (AUBMC) is a Center of Excellence dedicated to the treatment of adult cancer patients (over 2500 new patients per year). NKBCI has a leading fellowship training Program with strong affiliations with regional and international institutions including King Faisal Specialist Hospital and Research Center, King Hussein Cancer Center, MD Anderson Cancer Center, Memorial Sloan Kettering Cancer Center, and the Winship Cancer Institute. Our faculty are national, regional, and international leaders in clinical and translational research with ongoing clinical trials and more than 70 major publications annually.

It is the first in Lebanon to:

- Develop subspecialized programs for the management of brain, breast, gastro intestinal, genitourinary, head and neck and lung cancers, in addition to lymphoma, hematological malignancies, bleeding and thrombotic disorders, and stem cell transplantation.
- Have specialized oncology nurses, case managers, social workers and dedicated oncology pharmacists as part of the multi-disciplinary team. (AUBMC is the first healthcare facility with MAGNET designation in the Middle East Region).
- Establish the Cancer Prevention and Control Program in Lebanon in addition to the Palliative Care Service.
- Perform the first unrelated donor stem cell transplant and over 100 stem cell transplants annually.
- Perform the first radiofrequency (RF) ablation of a breast mass by the Radiation Therapy team.
- Establish the first structured Data Management and Clinical Research Unit in Lebanon with a prospective database for several cancer disease sites.

Location and Appointment Scheduling

The Hematology Oncology Clinics and the Ambulatory Treatment Unit are located on the ground and 2nd floors of Building 56 at AUBMC. The Radiation Oncology Clinics are located in the basement floor of AUBMC-Phase I. To schedule an appointment or contact us, you are kindly requested to refer to the numbers listed below.

Hematology Oncology Clinic

Clinic Appointments

Phone Number: 00961 - 1 - 374 374 ext. 7980

Direct Line: 00961 - 1 - 759 618

Fax: 00961 - 1 - 350 000 ext. 7942

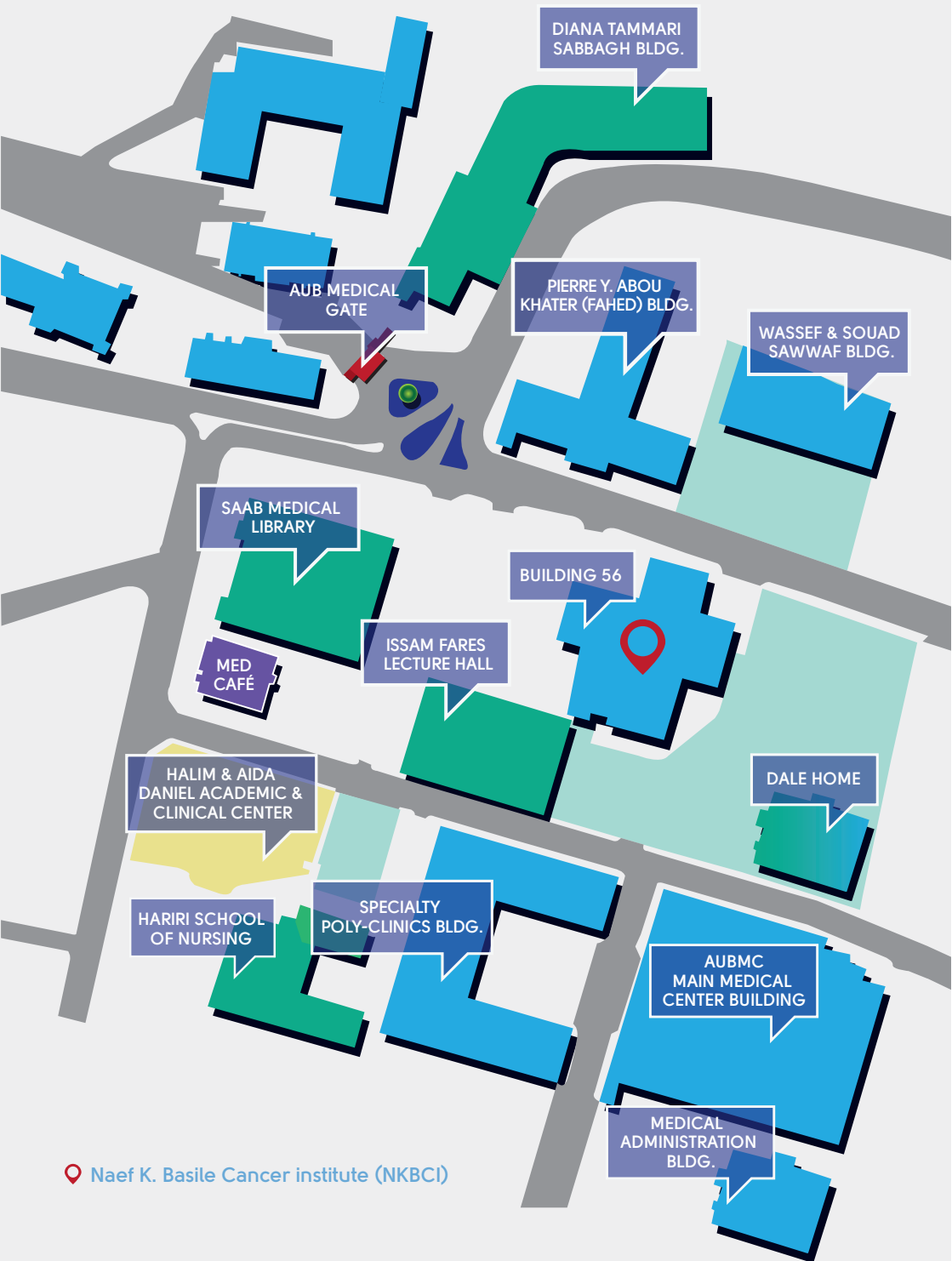
Radiation Oncology Unit

Clinic Appointments:


Phone Number: 00961 - 1 - 374 374 ext.5090/1

Direct Line: 00961 - 1 - 344 839

Fax: 00961 - 1 - 370 795



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cancer, you're stronger
than you think.

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