

ARASIA REGIONAL RESOURCE CENTERS

Comprehensive improvement of human health in ARASIA means enhancing regional collaboration and knowledge transfer. With IAEA support, ARASIA has developed advanced centres capable of offering trainings and services to countries in the region and beyond, in nuclear medicine and secondary dosimetry.



Nuclear Medicine

Two ARASIA designated Nuclear Medicine Regional Resource Centers (RRCs) in: Kuwait (KCCC) and in Lebanon (AUBMC).

The ARASIA Nuclear Medicine RRCs support the provision of trainings for:

- Nuclear medicine physicians
- Radiologists
- Nuclear medicine technologists and nurses

For more information visit
www.kuwaitcancercenter.net
www.aubmc.org.lb

Secondary Standards Dosimetry Laboratories (SSDLs)

ARASIA has developed advanced centres capable of offering trainings and services to countries in the region and beyond, in nuclear medicine and secondary dosimetry.

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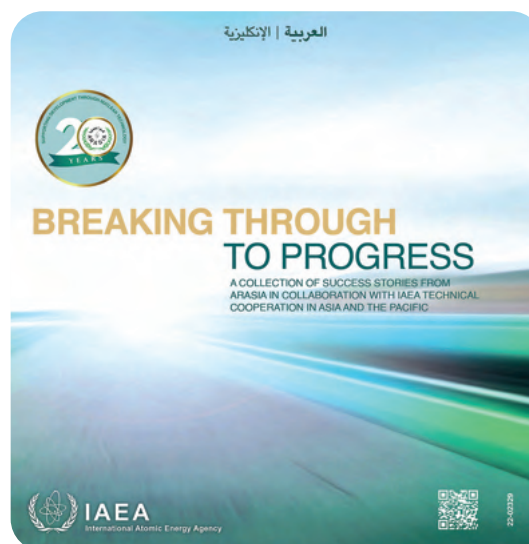
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for more information visit

www.arasia.org

www.iaea.org/services/technical-cooperation-programme



UNITED FOR HEALTH

**ARASIA Advancement
in CANCER MANAGEMENT**



ARASIA State Parties are advancing to the forefront of cancer management, combining expertise, innovation, and collaboration to improve patient outcomes. With IAEA support, and concerted efforts in research, technology integration, and medical training, ARASIA countries are making significant strides in the fight against cancer. ARASIA focuses on enhancing the early detection, advanced treatment modalities, and comprehensive patient care, to ensure that every individual receives the best possible treatment. Together, we are building a healthier future for our communities."

Dr. Bilal Nsouli, ARASIA Chairman

ARASIA works closely with the IAEA through technical cooperation programme to enhance its human and infrastructural capacities, comprehensively focusing on radiotherapy, nuclear medicine and radiopharmaceuticals production, to improve Cancer Management across the region.

RADIOPHARMACEUTICALS

Radiopharmaceuticals are pivotal in the field of nuclear medicine. These specialized compounds, which include both diagnostic agents and therapeutic isotopes, enable precise imaging and targeted treatment.

In the production of radiopharmaceuticals. Cyclotron advanced technology allows for the efficient production of high-quality radiopharmaceuticals, supporting innovative treatments and enhancing diagnostic capabilities.

The IAEA supports ARASIA to enhance its capacities in radiopharmaceutical production, through identifying and addressing regional specific gaps, facilitating collaboration and providing professional trainings.



RADIOTHERAPY

Harnessing advanced technology to combat cancer, radiotherapy services deliver targeted radiation with precision. This approach focuses high doses of radiation directly on tumors while sparing surrounding healthy tissue. Equipment and methodologies ensure optimal treatment outcomes and minimal side effects.

In ARASIA States Parties, Radiotherapy has evolved significantly; with the IAEA support to enhance and strengthen regional capabilities in the provision of advanced quality services in radiotherapy for cancer treatment.

By building ARASIA experts capabilities in targeting tumors with high doses of radiation while minimizing damage to surrounding healthy tissue, the aim is to achieve optimal therapeutic outcomes and improve patient quality of life.



NUCLEAR MEDICINE

Nuclear medicine is a medical specialty that employs trace amounts of radioactive substances for the diagnosis and treatment of various health conditions, including cancer, neurological disorders, and cardiovascular diseases. Nuclear Medicine scans enable oncologists to achieve accurate diagnoses, precisely stage and re-stage patients, plan and administer treatments according to the highest standards, and effectively evaluate treatment responses.

In ARASIA States Parties, the practice of Nuclear Medicine (NM) has advanced significantly due to collaborative efforts aimed at education and training for human capacity building, peer reviews, improved experts regional collaboration and networking to enhance healthcare quality.

Since 2002 the IAEA has supported ARASIA through 10 regional technical cooperation projects in nuclear medicine, transferring knowledge through training of ARASIA professionals to provide advanced know-how.

Strengthening Nuclear Medicine through Education and Training with the support of IAEA

