




Programme of
Action for
Cancer
Therapy

PACT

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<http://cancer.iaea.org>

PACT

**PROGRAMME OF
ACTION FOR
CANCER THERAPY**



Since 1980 the IAEA has invested US \$202 million to establish safe and effective radiotherapy capacity, providing higher quality treatment to cancer patients worldwide.

PACT is the **IAEA's** umbrella programme for combating cancer.

PACT builds on the IAEA's expertise in radiation medicine and technology — essential in cancer diagnosis and treatment — to help developing countries fight cancer by integrating radiotherapy into sustainable comprehensive cancer control programmes.



A global cancer crisis is looming....

By **2020**,
100 more than
million people
could die of cancer,
the majority in
**low- and middle-income
countries**



Beyond radiotherapy...

Comprehensive national cancer control programmes — including prevention, early detection, coupled with a combination of treatments such as surgery, **radiotherapy** and chemotherapy — now result in increased health awareness and prevention, the **cure of 45% of all cancers, and improved quality of life for cancer patients** in developed countries. **Developing countries deserve the same.**



**To save lives,
the world must increase the resources
dedicated to cancer prevention,
early detection and treatment.**

Cancer kills more people
than **HIV/AIDS, malaria,
and TB** combined

THE TIME TO ACT IS NOW...

PACT donors include:
*Albania, Canada, Croatia, the Czech Republic, Hungary,
India, Japan, Republic of Korea, Monaco, New Zealand,
Norway, Poland, Spain, Switzerland, the United States,
MDS Nordion (Canada), Best Medical International Inc.
(USA/Canada), the US National Cancer Institute,
the OPEC Fund for International Development, and
support from the IAEA **2005 Nobel Peace Prize**
and individuals from around the world.*

Full or preliminary imPACT* Reviews have so far been conducted in:

** Integrated missions of PACT (imPACT) are joint interagency comprehensive needs assessment reviews.*

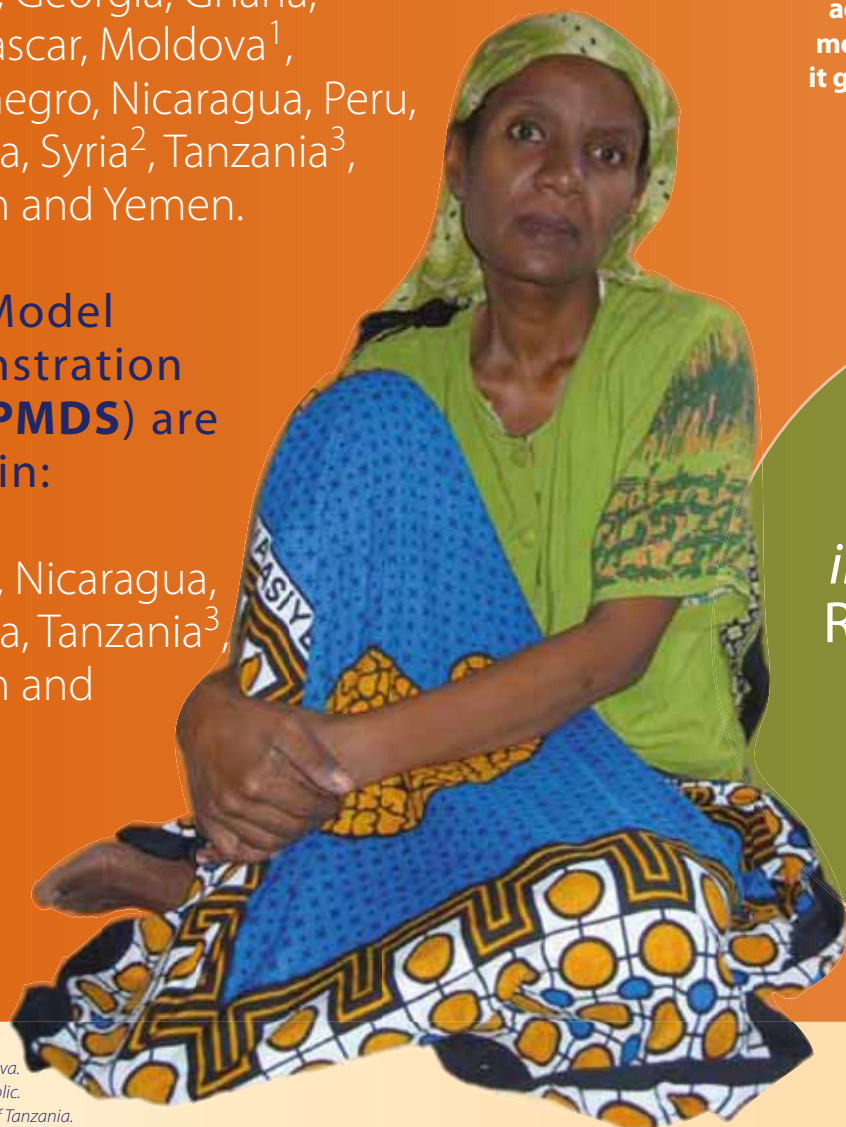
Albania, Georgia, Ghana,
Madagascar, Moldova¹,
Montenegro, Nicaragua, Peru,
Sri Lanka, Syria², Tanzania³,
Vietnam and Yemen.

PACT Model Demonstration Sites (**PMDS**) are active in:

Albania, Nicaragua,
Sri Lanka, Tanzania³,
Vietnam and
Yemen.

PMDS projects combine the individual strengths and resources of the Ministries of Health and their national counterparts, IAEA/PACT, WHO and other partners and stakeholders to achieve maximum impact on the cancer epidemic. For a period of 3–5 years, the partners will assist national authorities in the design, funding, implementation and evaluation of each PMDS.

This integrated approach focuses on building the sustainability of all relevant cancer services via timely, planned and balanced investments across the health system. It strengthens the PMDS country's resource mobilization capacity while encouraging donor support. In addition, it generates public awareness and stimulates both policy and funding for future regional/global initiatives.



imPACT
Reviews

PACT Model
Demonstration
Sites

PACT

Regional
Cancer Training
Networks

¹ Republic of Moldova.

² Syrian Arab Republic.

³ United Republic of Tanzania.

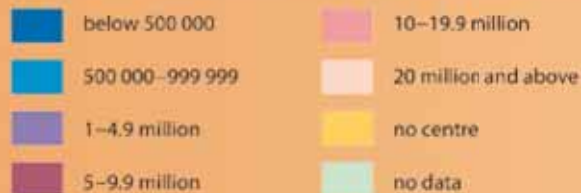
ACCESS TO RADIOTHERAPY: Radiotherapy is an essential part of the treatment of cancer

There is a shortfall of over 5000 radiotherapy machines in the developing world

Over 30 African and Asian countries have no access to radiotherapy

Availability of treatment

Number of people served by a single radiotherapy centre (latest available data 1995–2003)



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BUILDING PARTNERSHIPS TO FIGHT THE CANCER EPIDEMIC

PACT works with key public and private partners to fight cancer

American Cancer Society (USA)

Axios International (USA/France)

Best Medical International Inc. (USA/Canada)

C-Change (USA)

State Office for Nuclear Safety (Czech Republic)

International Agency for Research on Cancer

Institut National du Cancer (France)

International Network for Cancer Treatment
and Research

International Union Against Cancer

MDS Nordion (Canada)

mondofragilis network (France)

National Cancer Institute of Brazil

National Cancer Institute of USA

National Foundation for Cancer Research (USA)

Open Society Institute

PATH (Program for Appropriate Technology
in Health) (USA)

Tata Memorial Centre (India)

University of Oxford Department of
Clinical Pharmacology (UK)

World Health Organization
(Headquarters and the six Regional Offices)

<http://cancer.iaea.org>

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