

National Cancer Control Programmes

The scale of a country's cancer burden can be overwhelming. How do you tackle it, and where do you start? The first steps are assessing the cancer situation and creating an effective strategy. At the request of governments, PACT coordinates *imPACT Reviews* and uses the findings to assist developing countries to build comprehensive National Cancer Control Programmes (NCCP). Strategically directing resources in this way maximizes the public health returns from investments in cancer control – and saves thousands of lives.

Partners

PACT believes in the strength and effectiveness of a partnership approach. The global cancer crisis demands coordinated action. PACT is proud to have forged strong partnerships with:

- World Health Organization and its Regional and Country Offices
- International Agency for Research on Cancer (IARC)
- International Union Against Cancer (UICC)
- International Network for Cancer Treatment and Research (INTCR)
- National cancer institutes in Argentina, Algeria, Brazil, Egypt, France, Morocco, Philippines, South Africa, Thailand, and the United States of America
- NGOs, including the American Cancer Society (ACS) and The Lance Armstrong Foundation

A message from PACT

Fighting cancer is a huge task. Currently, millions of people suffer terrible pain and die from a disease that, under the right conditions, might be prevented, or treated and cured. For over 30 years, the IAEA has helped developing countries build radiotherapy capacity – a nuclear technique proven to treat many cancers and reduce pain associated with tumours.

Since 2004, PACT has worked to build comprehensive cancer control systems, expanding from radiotherapy treatment to address and improve the entire spectrum of cancer prevention and care.

PACT has worked closely with WHO and its Regional Offices since its inception. We are pleased to announce the newly formalized WHO-IAEA Joint Programme on Cancer Control. This Joint Programme will further strengthen our shared commitment and response to cancer control in developing countries.

Thousands of people in developing countries have benefited from your financial, in-kind and technical support. But, given the growing need, the global community must do more to fight cancer. The necessary technology and medical skills exist. Thank *you* for helping bring them to those most in need.



Young boy with cancer, Tanzania.



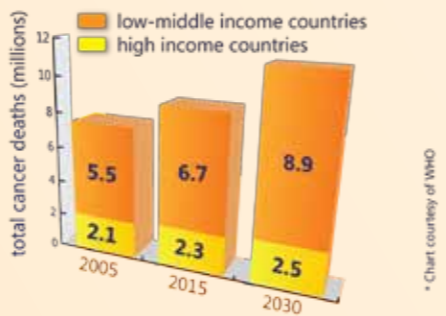
PROGRESS REPORT SPRING/SUMMER 2009

PACT

PROGRAMME
OF ACTION
FOR CANCER
THERAPY

Cancer Affects Us All

Cancer killed 7.9 million people in 2007, and 72% of these deaths occurred in low and middle income countries. We are working to bring cancer care and control to developing countries, where the burden is heaviest. Thank you for joining us.



Thank you

Donor Member States, organizations and individuals have endorsed PACT's partnership approach. To date, **US \$23 million** has been mobilized for cancer control efforts in developing countries. PACT thanks these generous supporters:

IAEA Donor Member States
Canada, Croatia, Czech Republic, France, Hungary, India, Lebanon, Mexico, Monaco, New Zealand, Norway, Poland, Spain, the United States of America

Organizations
Arab Bank for Economic Development in Africa, MDS Nordion/Best Theratronics, OPEC Fund for International Development, United Nations Federal Credit Union, United Nations Women's Guild

Individuals
Korean citizens via KONICOF and PACT website visitors worldwide

And you!
A special thank you to all the Member States of the IAEA for their continuing support of PACT.

Cancer Control: African Achievements

UNITED REPUBLIC OF TANZANIA

The PACT Model Demonstration Site (PMDS) in Africa is Tanzania. The Ocean Road Cancer Institute (ORCI) in Dar es Salaam is the only cancer hospital in the country for a population of 38 million people. Sadly, many patients arrive with late stage cancers, when curative treatment is no longer possible.

To meet the great need for pain management and end-of-life care, PACT recently mobilized US \$150 000 from the OPEC Fund for International Development (OFID) to help establish a centre of excellence in palliative care at ORCI. The centre will provide care, train health workers in hospital and home based care, and develop palliative care curriculums.



Left: A woman undergoes radiotherapy to treat her cancer in Ghana. **Right:** Cancer patients rest between treatments at ORCI, Tanzania.

GHANA

Today the future of cancer control in Ghana is looking brighter thanks to newly announced US \$13.5 million long-term development loans from OFID and the Arab Bank for Economic Development in Africa (BADEA). The loans were facilitated by PACT in response to Ghana's call for help in building an effective National Cancer Control Plan and will support cancer registration, early diagnosis, treatment, and palliative care.

A Gift of Life and Hope for Nicaragua



Nicaragua, a PACT Model Demonstration Site, has bolstered its fight against cancer with a donation through PACT of a US \$750 000 Equinox radiotherapy machine built in Canada by MDS Nordion/ Best Medical International. The Equinox has been installed in the Centro Nacional de Radioterapia (CNR) in Managua.

In the past, the CNR — Nicaragua's sole radiotherapy centre — struggled to treat up to 130 cancer patients a day with just one functioning radiotherapy machine. The gift of the Equinox will significantly expand the Centre's treatment capabilities, bringing relief and hope to thousands of cancer patients a year.

- Cancer is a growing threat in Nicaragua (population 5.7 million) with some 5000 new cases diagnosed each year.
- Breast and cervical cancer rates are among the highest in Latin America.
- 60% of all cancer cases seen in Nicaragua will benefit from radiotherapy treatment.

At the launch of the new machine on 12 March 2009, the Minister of Health, Dr Guillermo González, said, "I would like to thank the IAEA for the support and trust it has given our country in our efforts to make health a reality. This afternoon is an afternoon of hope."



Left to right: Mr Massoud Samiei, Head, PACT Programme Office, Dr Ana Ocampo, Sub-Director, CNR, Dr Horacio Mendoza, Director, CNR, Dr Jag Uppal, General Manager, Best Theratronics.



Cancer Training

Anuradhani Kasturiratne is one of more than 70 cancer specialists who benefited from PACT-sponsored training in 2008.

'Anu', as she is known, attended the annual Summer School of the International Agency for Research on Cancer (IARC) in France. She says that the training she received at IARC will greatly benefit her work in the future. She says the training she received was enormously valuable as she helps her native Sri Lanka develop its National Cancer Control Programme: "My aim is research that will generate new knowledge of prevention and control strategies. That's the current need in my country."

IARC is presently providing assistance to Sri Lanka to develop a population-based National Cancer Registry in order to collect data from all cancer patients in the country.