Workshop: Improving global access to radiation therapy

David Pistenmaa, Ugo Amaldi, Manjit Dosanjh, Norman Coleman*, Nina Wendling, Danielle Lajust, organizers

Hosted by CERN

Organized and sponsored by International Cancer Expert Corps

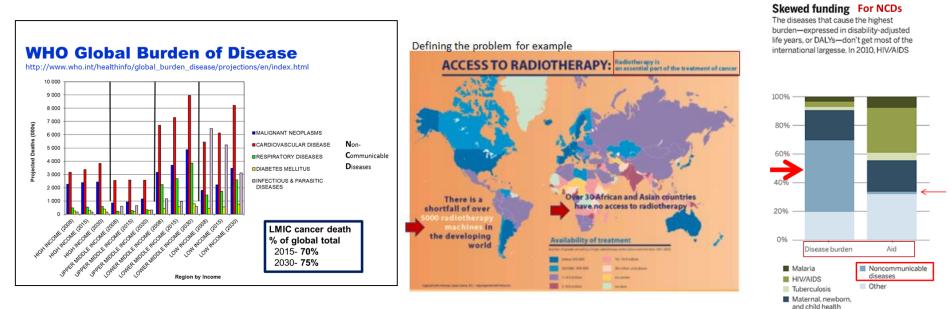
*No financial conflict of interest *NC- presentation relates to ICEC and not National Cancer Institute position*

Views expressed in this presentation are those of the presenters; no endorsement by NCI, NIH, or any other U.S. Government agencies has been given or inferred



Problem we are addressing:

Global shortage of cancer care as an approach to NCDs Spectrum of cancer care with the critical need for radiation therapy



1. Big and growing LMIC burden of cancer \rightarrow

2. Huge gap in care, including essential radiotherapy →

3. Fix inadequate investment in NCDs

Institute for Mostlik Matrice and Evaluati

Complex problem:

Many interested parties, need for action.

Cancer care, Security of nuclear material (Co-60, Cs-137), World peace

Cancer groups:

Union International Cancer Care (UICC): Global Task Force for Radiation for Cancer Control **Professional Societies:** ASTRO, ESTRO, others

1. Cancer societies, academia, global health

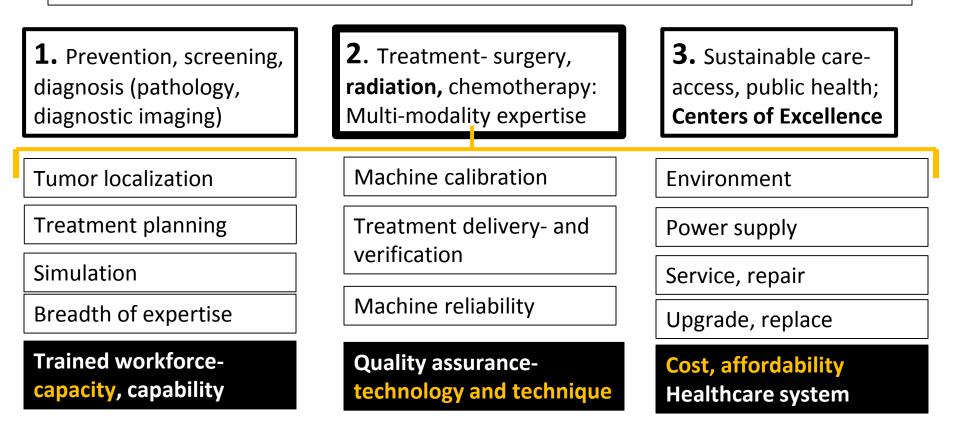
U.S.: National Cancer Institute Department of Energy Health & Human Services International: International Atomic Energy Agency World Health Organization

Industry: Varian Elekta Accuray Non-proliferation: James Martin Foundation Individuals: Broad societal interest

2. Agencies, Ministries of Health **3.** Industry and individuals

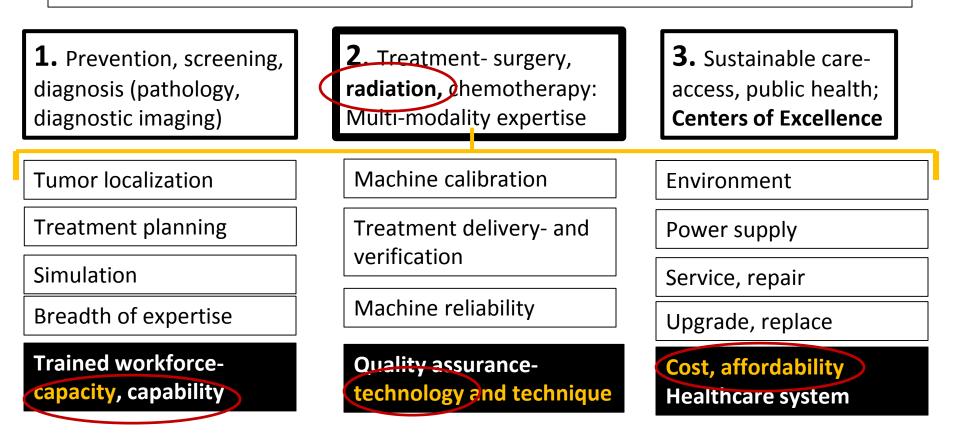
Cancer care continuum:

Taking care of cancer also addresses NCDs and Infectious diseases



Cancer care continuum:

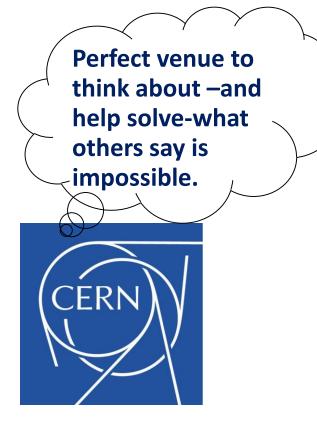
Taking care of cancer also addresses NCDs and Infectious diseases





We often hear global cancer is "Too hard. Can't be done" WRONG: Current cancer situation not acceptable!

Partnering to transform global cancer care





"It always seems impossible until it's done."

Nelson Mandela