



Supporting Countries in the Region in Radiation Medicine

The Experience of the Republic of
Korea

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2022

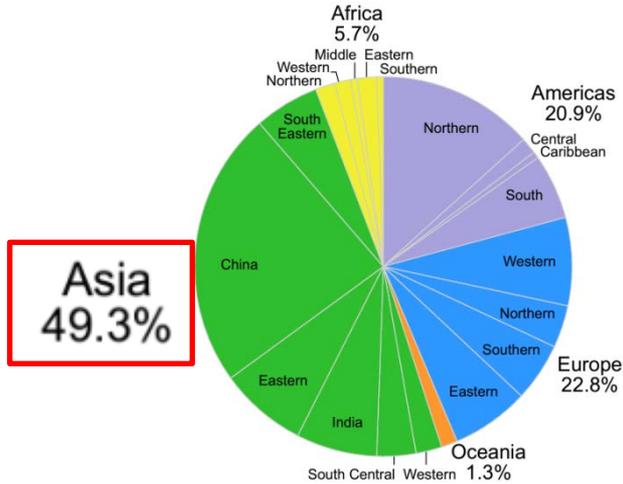


1970s



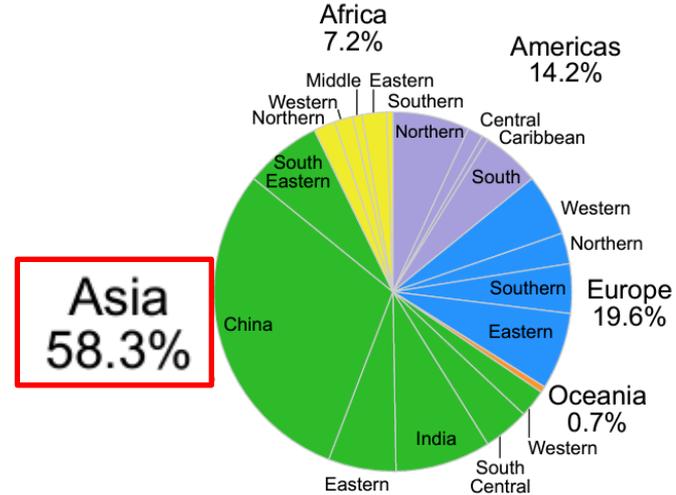
2020s

Cancer Statistics in Asia (2020)



19.3 million
new cases

Incidence



9.9 million
deaths

Mortality

Regional Education & Training Projects

- 22 Member States of Asia & the Pacific



- IAEA/RCA Regional Projects Led by KIRAMS

RAS 6065 (2012-2015)	Application of Stereotactic Body Radiation Therapy (SBRT)
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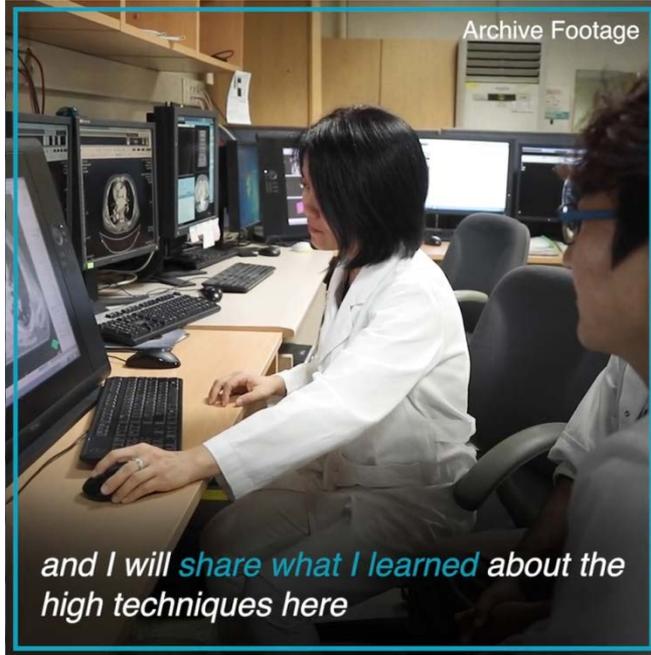
RAS 6076 (2014-2016)	CT cancer staging process
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RAS 6085 (2016-2019)	SBRT for frequent cancers
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RAS 6093 (2019-2022)	Imaging modalities in radiology & nuclear medicine
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RAS 6097 (2020-2023)	Production of cyclotron-based radiopharmaceuticals
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RAS 6100 (2022-2025)	Application of hypofractionated radiotherapy
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Screenshot from IAEA
'200709 Cancer Care, KIRAMS'

*“After this training course, I will come **back to my hospital** and I will **share what I learned** about the high techniques here and **I will train** medical physicists and radiotherapists to **treat the patients more effectively** in my hospital.”*

Dr. Xuan Tran
Radiation Oncologist, Viet Nam

IAEA PACT-KIRAMS Training Course
(2017.7.14-2017.8.23)

Regional Training Hubs for Sustainable Network

CRP, Peking University
Cancer Hospital, Beijing



ROK, KIRAMS, Seoul



IND, Tata Memorial
Hospital, Mumbai



JPN, Tokyo Metropolitan
Komagome Hospital, Tokyo



THA, Ramathibodi
Hospital, Bangkok

SIN, National Cancer
Centre, Singapore



AUL, Peter MacCallum
Cancer Centre, Melbourne

Sri Lanka – Implementation of Stereotactic Body Radiotherapy (SBRT)

- PACT Fellowship Training at KIRAMS (2013)



- PACT Expert Mission to Sri Lanka (2014)



- First SBRT treatment, National Cancer Institute (2015)



Mongolia – Installation of Linear Accelerators

- Expert Mission to National Cancer Center, Beam commissioning & IMRT planning training (2019)



- Expert Mission, IMRT commissioning (2022)





THANK YOU!