



A Member State addressing radiotherapy safety with the support of the IAEA



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Malaysia



Malaysia Country Profile

Two geographical regions separated by the South China Sea



Malaysia

- Multi-ethnic and multi-religious country
 - 60% Bumiputera, (Malays, Orang Asli and other indigenous peoples)
 - 20% Chinese
 - 6% Indians
- Official language: Bahasa Malaysia (Melayu)
- Official religion: Islam
- Population 33 million (2021)
- Capital city: Kuala Lumpur
- Federal Government Administrative Centre: Putrajaya

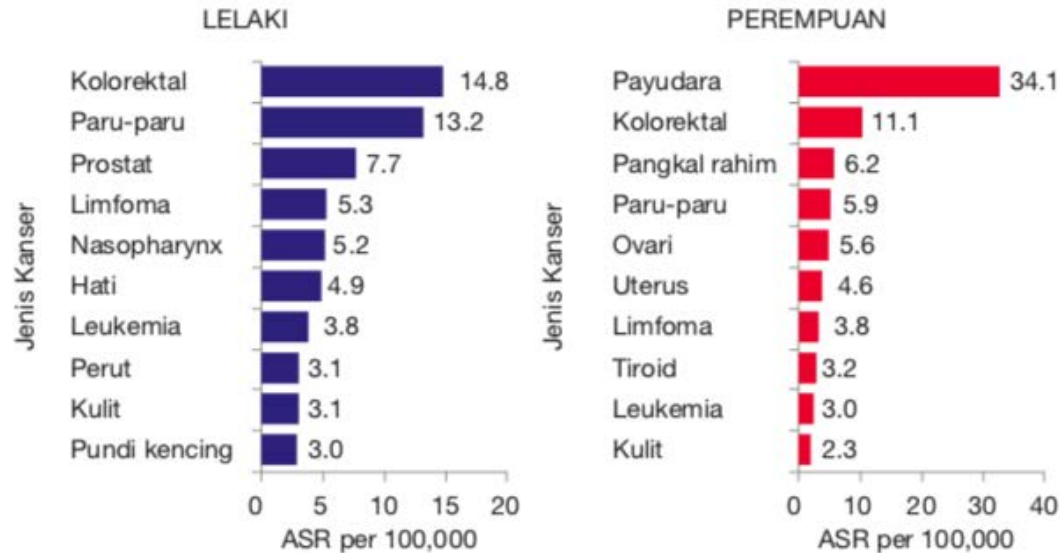
Malaysia Strategic Plan



Ministry of Health Malaysia (MOH) Strategic Plan Is the strategic planning of the MOH organization for the next five years to strengthen the existing health system as well as help the heads of programs and activities under the MOH implement their respective health plans.

Incidence Rate For Cancer By Gender in Malaysia, 2012-2016

KADAR INSIDEN BAGI KANSER MENGIKUT JANTINA DALAM MALAYSIA, 2012-2016



Ten types of cancer detected among Malaysians in order of priority are breast, colorectal, lung, lymphoma, nasopharynx, leukemia, prostate gland, liver, cervix and ovary.

- Since Malaysia became a member of the IAEA in 1969, it has actively participated in the IAEA technical co-operation programme (TC).
- IAEA has been supporting Malaysia over the past years, in terms of expert services, provision of equipment and specialized training on cancer management programmes, helping the country to improve capabilities to fight the growing incidence of cancer.

IAEA Support

Since 1989, development of the basic facilities and infrastructure required for implementation of TC-supported projects has been mainly funded by the Government of Malaysia



- IAEA RAS9096 Strengthening Radiation Safety Infrastructure (Project Cycle 2022-2025)
- IAEA MAL2019 Strengthening Safety and Security of Radioactive Sources in Radiation Facilities and Activities (Project Cycle: 2021-2022)
- IAEA MAL2018 Strengthening Legal and Infrastructure for Radiation Safety in Malaysia (Project Cycle: 2020-2021)

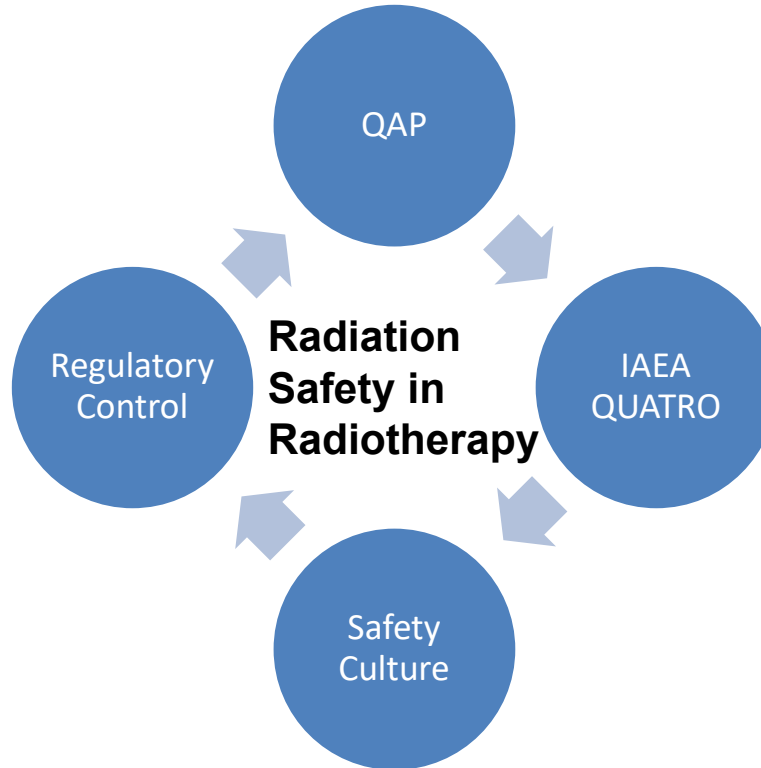
IAEA/WHO TLD
Postal Dose Quality Audit Service

Radiotherapy Safety in Malaysia

IAEA SAFRON (Safety in Radiation Oncology) Incident Learning System

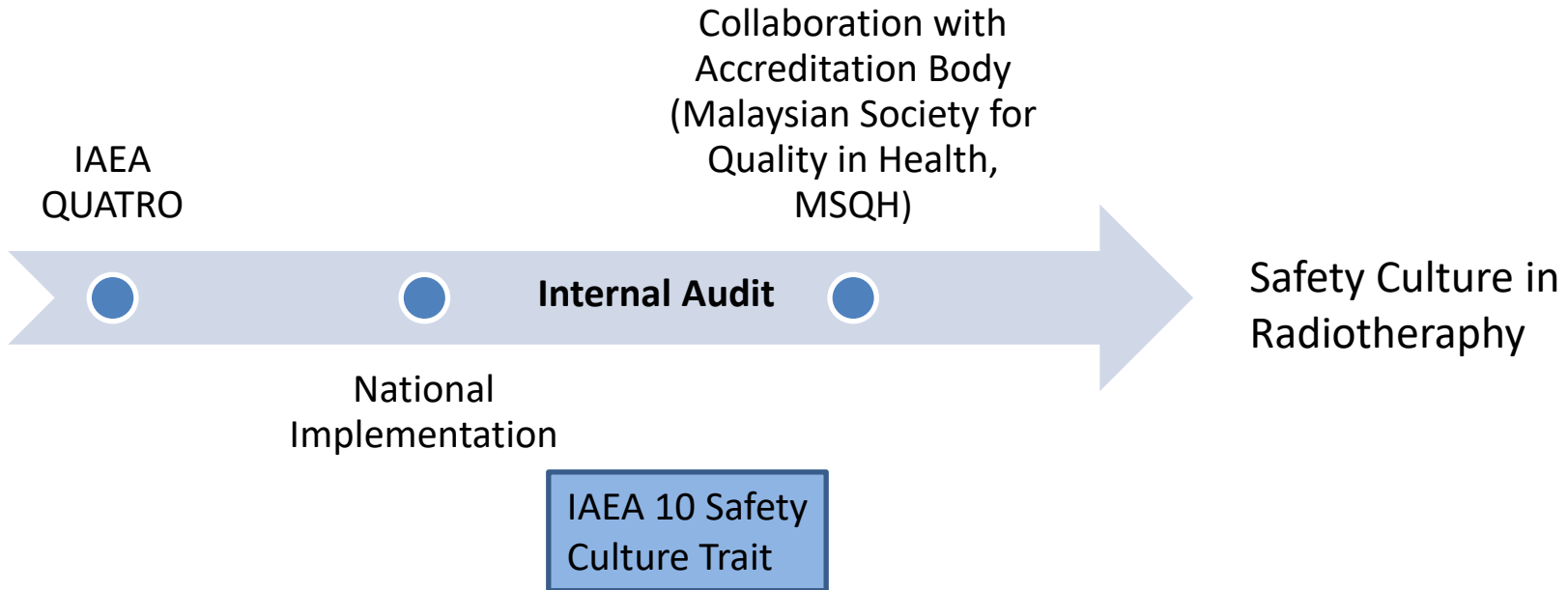
- Voluntary for departmental practices

Guide on investigation, notification and reporting of accidental medical exposure is specified in Malaysia Atomic Energy Licensing (Basic Safety Radiation Protection) Regulations 2010



RAS6070
Supporting Quality Assurance
Team for Radiation Oncology
(QUATRO) Training (2012-2013)

Implementation of Radiation Safety Culture in Healthcare Settings - Malaysia



IAEA RAS9089

Regional Workshop on Accident Prevention in Radiation Therapy Putrajaya, Malaysia, 7 - 11 January 2019

- Perspective on safety and quality in radiotherapy
- What does the IAEA have to offer for overall radiotherapy safety
- Characteristics of an Incident Learning System (ILS): SAFRON
- Local experience of a QUATRO audit
- QA in a radiotherapy department: New paradigm



References

- Ministry of Health Malaysia Strategic Plan Report (2021-2025).
- Ministry of Health Malaysia National Strategic Plan for Cancer Control Programme (2021-2025)
- Malaysia National Cancer Registry Report (MNCRR) (2012-2016).
- Action Plan Towards the Elimination of Cervical Cancer In Malaysia (2021-2030)
- IAEA RPOP
- <https://radia.moh.gov.my/project/new/radia/>