

STANDARDS

ORT.1 Qualified physician is responsible for managing the oncology and radiotherapy services.

- ORT.1.1 The individual(s) responsible for the oncology and radiotherapy services is qualified by education, training, and experience in the fields of oncology/radiation oncology.

ORT.2 The hospital ensures full compliance with the relevant regulations on radiation.

- ORT.2.1 The hospital has a valid license for the provision of radiotherapy services from relevant authorities (King Abdulaziz City for Science and Technology).

ORT.3 Oncology and radiotherapy services are provided by qualified staff.

- ORT.3.1 Oncology and radiotherapy services are adequately staffed as follows:
- ORT.3.1.1 Oncologists/Radiation oncologists.
 - ORT.3.1.2 Medical physicists.
 - ORT.3.1.3 Radiation therapists.
 - ORT.3.1.4 Mould room technicians.
 - ORT.3.1.5 Radiation safety officer and supervisor.
 - ORT.3.1.6 Quality officer.
- ORT.3.2 Staff are trained and qualified in their fields.
- ORT.3.3 Clinical staff maintain registration with the Saudi Commission for Health Specialties.

ORT.4 Qualified nurse manager(s) supervises nursing practices in the oncology and radiotherapy services.

- ORT.4.1 The nurse manager is a registered nurse qualified by education, training, and experience in the field of oncology/radiotherapy.
- ORT.4.2 The nurse manager develops and collaborates with other disciplines for developing all relevant policies and procedures including, but are not limited to:
- ORT.4.2.1 Chemotherapy administration, side effects, and safety precautions.
 - ORT.4.2.2 Radiation therapy administration, side effects, and safety precautions.
 - ORT.4.2.3 Targeted therapy, immunotherapy and contrast media administration and education.
 - ORT.4.2.4 Spill management.
 - ORT.4.2.5 Special radiation techniques (brachytherapy, stereotactic radiotherapy, unsealed sources, other techniques), including preparation and delivery guidelines.
 - ORT.4.2.6 Extravasations and anaphylaxis management guidelines.
 - ORT.4.2.7 Radioactive iodine management.
 - ORT.4.2.8 Dying and end of life care management.
 - ORT.4.2.9 Bone marrow and stem cell transplant management.
 - ORT.4.2.10 Management of neutropenia and other related complications of chemo/radiation therapy.