

## 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.