



JORDAN UNIVERSITY HOSPITAL POLICY AND PROCEDURE



Policy name: Radiation Safety program	Policy Code: XRDP007
Dept: Radiology and Nuclear Medicine	Originated Date : 2007
	Implementation Date: 22-3-2009
Scope : doctors, technicians, nurses and technologists working in radiology and nuclear medicine department Patients undergoing radiological and nuclear medicine investigations and procedures. Applies to: radiology staff and patients	Revision date: 30/3/2009
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Policy Jordan University Hospital is committed to follow ALARA principles to protect staff and patients.

Purpose: describes framework for the protection of personnel working in radiology and nuclear medicine department and patients undergoing medical exposures at Jordan University Hospital.

Definitions: ALARA is an acronym for As Low As Reasonably Achievable, means making every reasonable effort to maintain exposures as far below the regulated dose limits as is practical consistent with the purpose for which the licensed activity is

undertaken, taking into account the state of technology, the economics of improvements in relation to state of technology, the economics of improvements in relation to benefits to the public health and safety, and other social and socioeconomic considerations, and in relation to utilization of nuclear energy and license material in the public interest.

Jordanian Atomic Energy Agency (JAEA)

Equipment /Forms

Radiation safety manual

Procedure	Responsibility
<p>Radiology and Nuclear Medicine Department at Jordan University hospital has established a detailed Radiation Safety program.</p> <p>Radiation safety program is operated under the radiation safety committee supervision and in harmony with the environmental Safety Office.</p> <p>Radiation Safety program specifies in details the following:</p> <ul style="list-style-type: none"> • Administrative arrangements for radiation safety • Duties of the persons pertinent to such arrangements • Compliance to ALARA principle • Licensing and registration regulations according to Jordanian Atomic Energy Agency (JAEA) • Optimization of protection for medical exposures • Potential exposure and emergency plans 	<p>Radiation Safety committee which includes:</p> <ul style="list-style-type: none"> • Head of Radiology and Nuclear medicine department • Head of Nuclear medicine technologist • Radiation Safety Officer • One radiology consultant • One nuclear medicine technologist • Head of Environmental Safety Office • One maintenance Engineer

Rationale

Optimization of radiation exposure to both personnel and patients

General Rules

Jordanian Atomic Energy Agency rules, legislations and regulations are applied and followed.

References

نظام اسس و شروط منح رخص و تصاريح العمل الاشعاعي /صادر بمقتضى الفقرة ب من المادة (26) من قانون الطاقة النووية
و الوقاية الشعاعية رقم 29 لسنة 2001

Safety reports series No. 40: Applying radiation safety Standards in Nuclear Medicine.
International atomic Energy Agency, 2005 Vienna

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