

1. Record Nr.	UNINA9911146146203321
Autore	Morales Pedraza Jorge
Titolo	The use of the ionizing radiation technique for tissue sterilization : the International Atomic Energy Agency (IAEA) experience / / Jorge Morales Pedraza
Pubbl/distr/stampa	Hauppauge, N.Y., : Nova Science, c2012
ISBN	1-62808-676-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (389 p.)
Collana	Medical Devices and Equipment
Disciplina	615.8/42
Soggetti	Preservation of organs, tissues, etc Ionizing radiation Radiation sterilization Tissue banks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The history of tissue transplantation -- The ionizing radiation technique -- Main components of the IAEA's programme -- Tissue banking in Asia and the Pacific and the role played by the IAEA -- Tissue banking in Latin America and the Caribbean and the role played by the IAEA -- Tissue banking in Eastern Europe and the role played by Spain within the IAEA's training programme -- Tissue banking in Africa and the role played by the IAEA -- The IAEA's training programme -- The importance of ethics in tissue banking -- The radiation sterilization of tissues allografts : requirements for validation and routine control : new elements to be considered -- The IAEA international standards for tissue banking : new elements to be considered -- The IAEA public awareness strategies for tissue banks : new elements to be considered -- The future role to be played by of ALABAT and APASTB -- The IAEA Technical Advisory Committee -- The future role to be played by the IAEA and WHO in the field of tissue.
Sommario/riassunto	This book has been prepared with the purpose of describing the role of the International Atomic Energy Agency (IAEA) programme on radiation and tissue banking in the establishment of tissue banks in Asia and the Pacific, Latin America and the Caribbean, Eastern Europe and Africa and

in the increase in the supply of sterilised tissues used in certain medical treatments in a selected group of countries. There are three important concepts included in this book: human tissue, tissue bank, and tissue banking.
