1.	Record Nr.	UNINA9910783920703321
	Titolo	Clinical applications of bone allografts and substitutes : biology and clinical applications / / editor, Glyn O. Phillips
	Pubbl/distr/stampa	Hackensack, N.J., : World Scientific, c2005
	ISBN	1-281-88127-9
		9786611881276
		981-270-111-7
	Descrizione fisica	1 online resource (196 pages)
	Collana	Allografts in bone healing
	Altri autori (Persone)	PhillipsGlyn O
	Disciplina	617.4/710592
	Soggetti	Bone-grafting
		Bones - Surgery
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	CONTENTS; INTRODUCTION TO THE SERIES; PREFACE; LIST OF CONTRIBUTORS; 1 IAEA CODE OF PRACTICE FOR THE RADIATION STERILISATION OF TISSUE ALLOGRAFTS: REQUIREMENTS FOR VALIDATION AND ROUTINE CONTROL; 2 PRESERVED BONE ALLOGRAFTS IN RECONSTRUCTIVE ORTHOPAEDICS; 3 CLINICAL STRATEGY FOR APPLICATION OF DEEP FROZEN-RADIATION STERILISED BONE ALLOGRAFTS; 4 CLINICAL RESULTS AND ORGANISATIONAL ASPECTS OF AUTOGENOUS AND ALLOGENOUS BONE GRAFTING IN THE TREATMENT OF 226 PATIENTS WITH PRIMARY OSSEOUS NEOPLASMS 5 NEW APPROACHES TO COMPARATIVE EVALUATION OF ALLOGENIC AND AUTOLOGOUS BONE TRANSPLANTS PROCURED IN VARIOUS WAYS; 6 THE USE OF FREEZE-DRIED MINERALISED AND DEMINERALISED BONE; 7 PRESERVED ALLOGENIC RIB CARTILAGE IN RECONSTRUCTIVE SURGERY; 8 BONE SUBSTITUTES AND RELATED MATERIALS IN CLINICAL ORTHOPAEDICS
	Sommario/riassunto	Although bone allografts were first utilized by McEwen in orthopaedic surgery in 1881, progress since then has been sporadic. With the growth of tissue banks and the greater availability of safe and sterile bone grafts, the pace has now quickened; in 2004, more than one million such grafts were used in the USA alone. However, the practice

generally remained a "cottage industry" well into the latter part of the 20th century. This volume provides an international expert evaluaton of the current use of bone, bone substitutes and related allografts, and describes up-to-date practices and clinical