

1. Record Nr.	UNINA990008786190403321
Autore	Association internationale etudes medico-psychologiques et religieuses
Titolo	Il revival dell'irrazionale : da un congresso internazionale dell'A.I.E.M.P. E.R. / a cura di Leonardo Ancona
Pubbl/distr/stampa	Milano : Todariana, 1983
ISBN	88-701-5091-7
Descrizione fisica	384 p. : ill. ; 20 cm
Collana	Luoghi saggistici
Disciplina	149
Locazione	DMNUP
Collocazione	A 4/9
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNISALENTO991003234999707536
Autore	Kurtz, Steven M., 1968-
Titolo	The UHMWPE handbook [e-book] : ultra-high molecular weight polyethylene in total joint replacement / Steven M. Kurtz
Pubbl/distr/stampa	Amsterdam ; Boston : Academic Press, c2004
ISBN	9780124298514 0124298516
Descrizione fisica	xiv, 379 p. : ill. (some col.) ; 24 cm
Disciplina	617.580592
Soggetti	Artificial joints Polyethylene - Therapeutic use Plastics in medicine Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Part I : UHMWPE Foundations -- Primer on UHMWPE -- Processing of UHMWPE -- Sterilization and Packaging -- Part II: UHMWPE in Orthopedics -- The Origins -- Clinical Performance in Hip Replacements -- Alternative Bearings for Hip Joint Replacements -- Highly Cross-linked UHMWPE for Knee Joint Replacement -- Applications of UHMWPE in the Upper Extremity -- Applications in the Spine -- Clinical Performance of Highly Crosslinked UHMWPE -- The Future of UHMWPE in Orthopedics.
Sommario/riassunto	This book describes the history and properties of ultra-high molecular weight polyethylene (UHMWPE) used in artificial joints. UHMWPE is currently used in 1.4 million patients around the world every year for use in the hip, knee, upper extremities and spine. It has been used in hip replacements for over 40 years. Although the use of this material is very successful, the lifetime of artificial joints is limited to approximately 10 years, after which the survivorship declines markedly. Recently, the orthopedic industry has developed new processing techniques (radiation crosslinking), which are expected to dramatically reduce wear and improve the longevity of hip implants beyond 10 years. A major emphasis of this book is to describe the properties of

these new highly crosslinked UHMWPE materials and to review the latest clinical results. * The most up-to-date information on the properties of UHMWPE * Endorsed by Ticona - the world's leading manufacturer of UHMWPE for medical use * An enormous 'installed base' of over 1.4 million procedures each year * UHMWPE has been used by orthopedists for over 40 years, yet its properties and performance in situ are still not well understood
