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Titolo	The Menisci : A Comprehensive Review of their Anatomy, Biomechanical Function and Surgical Treatment / / edited by Robert F. LaPrade, Elizabeth A. Arendt, Alan Getgood, Scott C. Faucett
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Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VIII, 198 p. 104 illus., 88 illus. in color.)
Disciplina	617.47
Soggetti	Orthopedic surgery Sports medicine Clinical psychology Rehabilitation Mentally ill - Rehabilitation Surgical Orthopedics Sports Medicine Rehabilitation Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Meniscal anatomy and vascular supply -- Biomechanical function of the menisci -- Classification of meniscal tears -- Meniscectomy-updates on techniques and outcomes -- Meniscal root tears - a missed epidemic: how should they be treated?- Meniscal ramp lesions- diagnosis and treatment strategies -- Peripheral meniscal tears - how to diagnose and repair -- Radial meniscal tears - updates on repair techniques and outcomes -- All-inside meniscal repair - updates on techniques -- Step by step surgical approaches for meniscal repairs -- The role of alignment in meniscal tears and the role of osteotomy -- Outside-in meniscal repair techniques and outcomes -- Biologic augmentation of meniscal repairs -- Meniscal repair outcomes-isolated versus combined with other procedures -- Treatment of meniscus degeneration and meniscal cysts -- Discoid Menisci and their treatment

-- Updates and outcomes on meniscal transplants -- Conclusions and future directions.

Sommario/riassunto

This book is a comprehensive journey through the pathogenesis and treatment of meniscal pathology. It details the elements that are necessary to properly understand, diagnose, and treat meniscal tears, ranging from vertical tears to radial tears and root avulsions. Treatment techniques are thoroughly described and illustrated, with presentation of the latest evidence on outcomes. The algorithmic treatment of meniscal tears has undergone a rapid transformation. We have progressed from the initial treatments involving removal of the meniscus using an open technique, to the performance of partial menisectomies and complex meniscal repairs by means of an arthroscopic technique. The current treatment goal is to maintain the biology and mechanical integrity of this vital knee structure, an aim too often disregarded by past generations of surgeons. An explosion of new knowledge, coupled with advances in arthroscopic and surgical technology, has paved the way for wider application of approaches that help to preserve the meniscus, in the hope of preventing or delaying the development of knee arthritis. This book will have utility for all clinicians who treat meniscal lesions and will serve as a valuable resource for years to come.