

1. Record Nr.	UNINA9910437987603321
Titolo	Meniscal transplantation // Rene Verdonk, Joao Espregueira-Mendes, Joan Carles Monllau, editors
Pubbl/distr/stampa	Heidelberg, Germany : , : Springer, , 2013
ISBN	3-642-38106-5
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (viii, 117 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	617.58
Soggetti	Meniscus (Anatomy) - Surgery Meniscus (Anatomy) - Transplantation Homografts
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.
Nota di contenuto	Meniscal Allografts: Introduction -- The Meniscus :Basic science -- Organisation / Type of Grafts / Conservation / Regulation -- Surgical Techniques -- Arthroscopic Technique with bone plugs -- Results and Indications. Meniscal Substitutes: Collagen Meniscal Implant (CMI) -- Basic Science Synthesis. The Future: Future trends in the treatment of meniscus lesions: From repair to regeneration. Conclusion.
Sommario/riassunto	As knowledge of the biomechanical and physiological function of the knee has advanced, meniscal transplantation has become an accepted treatment approach in defined categories of patient with knee pain. In particular, it is an attractive option in the younger patient with incapacitating pain who has previously undergone a total meniscectomy and has an adequately aligned lower limb. When appropriately performed, meniscal transplantation can reduce pain, slow cartilage degeneration, and improve biomechanics. In this book, acknowledged experts in the field discuss all aspects of meniscal transplantation, covering the use of both allografts and meniscal substitutes, including collagen and polyurethane implants. The relevant basic science is reviewed, indications are explained, and surgical techniques are clearly described, with presentation of the results achieved to date. All the material is up to date, with information on new implants, new techniques, and new surgical approaches. Future trends in the treatment of meniscal lesions are also discussed as we move

towards the application of regenerative strategies to restore meniscus function.
