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Titolo	Rotatory Knee Instability [[electronic resource]] : An Evidence Based Approach / / edited by Volker Musahl, Jón Karlsson, Ryosuke Kuroda, Stefano Zaffagnini
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-32070-X
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIV, 512 p. 288 illus., 171 illus. in color.)
Collana	Rotatory Knee Instability
Disciplina	617.47
Soggetti	Orthopedics Surgical Orthopedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- Historical perspective -- Rotatory knee laxity -- Pivot shift -- Surgery for Rotatory Knee Instability -- Functional rehab/RTP -- Future directions.
Sommario/riassunto	This book is designed to equip the reader with the knowledge and tools required for provision of individualized ACL treatment based on the best available evidence. All major aspects of the assessment of rotatory knee instability are addressed in depth. A historical overview of arthrometers, both invasive and non-invasive, is provided, and newly developed devices for the measurement of rotatory knee laxity are considered. Recent advances with respect to the pivot shift test are explained and evidence offered to support a standardized pivot shift test and non-invasive quantification of the pivot shift. Specific surgical techniques for rotatory laxity are described, with presentation of the experience from several world-renowned centers. In addition, functional rehabilitation and “return to play” are discussed. In keeping with the emphasis on an individualized approach, the book highlights individualization of surgical reconstruction techniques in accordance with the specific injury pattern and grade of rotatory knee laxity as well as the use of individualized rehabilitation techniques. Numerous high-quality images illustrate key points and clear take-home messages are provided.