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| 1. Record Nr.           | UNINA9910639878603321  |
| Autore                  | Felmet Gernot  |
| Titolo                  | Press-Fit Fixation of the Knee Ligaments // by Gernot Felmet   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022  |
| ISBN                    | 9783031119064<br>9783031119057   |
| Edizione                | [1st ed. 2022.]  |
| Descrizione fisica      | 1 online resource (209 pages)  |
| Collana                 | Medicine Series  |
| Disciplina              | 410.5<br>617.582059  |
| Soggetti                | Orthopedics<br>Sports medicine<br>Medical sciences<br>Orthopaedics<br>Sports Medicine<br>Health Sciences<br>Genoll<br>Cirurgia<br>Llibres electrònics  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di bibliografia    | Includes bibliographical references.   |
| Nota di contenuto       | Introduction -- Overview Anatomy -- Use and overuse of the knee -- Diagnostic -- History of ACL reconstruction -- History of material free ACL-Reconstruction -- Press fit fixation -- Surgical techniques -- Healing response -- Revision of Re-Rupture -- OATS / Mega OATS -- Rehabilitation -- Return to sports & competition.  |
| Sommario/riassunto      | This book describes all aspects of a purely biological approach to knee ligament reconstruction that entirely avoids the use of foreign materials in a manner analogous to the use of dowels in carpentry. The technique, referred to as “all-press-fit reconstruction”, was developed by the author in 1995 for anterior cruciate ligament (ACL) reconstruction and has since been further developed so that it is now applicable to all knee ligaments and also osteochondral autologous |

transplantation surgery. It has the advantages of maintenance of individual biological resources (no bone loss), rapid rehabilitation, and excellent clinical outcomes in terms of stability and anchoring. This book explores subtle clinical and technical diagnostics and provides step-by-step descriptions of the various surgical techniques used by the author. Readers will also learn about the history of ACL reconstruction and the results achieved to date, sources of graft for ACL replacement, the surgical instrumentation required for press-fit fixation, the healing response, and procedures for revision of re-rupture. In addition, rehabilitation and prevention programs are fully described for every level of athletic activity. .

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