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Titolo	Atlas of the Patellofemoral Joint [[electronic resource] /] / edited by Vicente Sanchis-Alfonso
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Descrizione fisica	1 online resource (267 p.)
Disciplina	617.5/82 617.582 617.582059
Soggetti	Orthopedics Surgical Orthopedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Foreword.-Preface.-SECTION I: ETIOPATHOGENIC BASES AND THERAPEUTIC IMPLICATIONS -- Background -- Patellofemoral malalignment vs Tissue homeostasis -- Myths and truths about patellofemoral disease. Pathogenesis of anterior knee pain and patellar instability -- What have we learned from realignment surgery? -- Biological causes of anterior knee pain -- In search of the etiology of anterior knee pain -- Biomechanics of the patellofemoral joint -- Implications in the genesis of pain and instability -- Anatomy of patellar dislocation -- Evaluation of the patient with anterior knee pain and patellar instability -- Influence of psychological factors on pain and disability in patellofemoral pain syndrome -- Uncommon causes of anterior knee pain -- Risk factors and prevention of anterior knee pain -- Conservative treatment of athletes with anterior knee pain: science, classical and new ideas -- Conservative management of anterior knee pain: the McConnell program -- Skeletal malalignment and anterior knee pain. Rationale, diagnosis and management -- Patellar tendinopathy: Where does the pain come from? -- Pathophysiology of patellofemoral arthritis -- Prevention of anterior knee pain after anterior cruciate ligament reconstruction.-Donor-site morbidity after anterior cruciate ligament reconstruction using autografts -- SECTION II: EMERGING TECHNOLOGIES FOR INVESTIGATING PATELLOFEMORAL

JOINT -- Computacional modeling for investigating patellofemoral joint
-- Clinical relevance.-Kinetic and kinematic analysis in evaluating
patellofemoral disorders -- SECTION III: CLINICAL CASES COMMENTED
-- Complicated cases studies -- Failure of patellofemoral surgery --
Analysis of clinical cases -- Neuromatous knee pain: Evaluation and
management -- Posterior knee pain referred from the patellofemoral
joint -- SECTION IV: SURGICAL TECHNIQUES -- Reconstruction of the
medial patellofemoral ligament -- Reconstruction of the medial
patellofemoral ligament -- Reconstruction of the lateral patellofemoral
ligament -- Reconstruction of the lateral patellofemoral ligament --
Rotational osteotomy -- Trochleoplasty -- Osteotomies in patella baja
/ patella alta -- Arthroscopic patellar release for the treatment of
patellar tendinopathy -- Anteromedial tibial tubercle osteotomy
(Fulkerson osteotomy) -- Autologous chondrocyte implantation.-
Patellofemoral arthroplasty: Pearls and pitfalls -- EPILOGUE .

Sommario/riassunto

The Atlas of the Patellofemoral Joint is designed to be a detailed visual guide, presenting the reader with a wealth of images that will act as a crucial aid when faced with surgery of the knee and particularly that of the patella. All the images, footnotes and summaries are compiled in order to convey a simple understanding of this complex problem. It is a very practical book, aimed not only to those that already specialize in knee surgery, but also to the general orthopedic surgeon who wishes to learn more about this particular form of surgery.
