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Descrizione fisica	1 online resource (285 pages)
Disciplina	617.572
Soggetti	Shoulder - Surgery Shoulder Injuries - surgery Shoulder Injuries - diagnosis Orthopedic Procedures - methods Shoulder - physiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I: Shoulder basic science & principles -- 1. Shoulder embryology and anatomy -- 2. Molecular biology and Genetics in Shoulder pathologies -- 3. Animal models for research on shoulder pathologies -- 4. Shoulder Kinematics and Biomechanics -- 5. Pathomechanics and mathematics of anterior shoulder instability -- 6. Pathomechanics in CTA and rationale of RSA -- 7. Rationale of tendon to bone healing -- Part II: Diagnosis of shoulder conditions -- 8. Physical examination for glenohumeral joint pathologies -- 9. Physical examination for subacromial and acromioclavicular pathologies -- 10. Radiological assessment of the shoulder -- Part III: Shoulder pathologic conditions -- 11. Shoulder cartilage and osteoarthritis -- 12. Inflammatory, metabolic and neuromuscular pathologies in shoulder joint -- 13. Nerve entrapment around shoulder joint -- 14. Fractures around shoulder -- Part IV: Shoulder surgery and complications -- 15. Positioning, anaesthesia and analgesia in shoulder surgery -- 16. Surgical exposures -- 17. Basic arthroscopy portals of shoulder -- 18. Thromboembolism and bleeding control in shoulder surgery -- 19. Periprosthetic infection in shoulder surgery -- Part V: (Bio)technological

applications in shoulder treatment -- 20. Implants and biomaterials --  
21. Tissue Engineering and graft options -- 22. 3D printing in shoulder  
surgery -- 23. Digitized Shoulder.

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