

1. Record Nr.	UNINA9911034866103321
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Titolo	Advances in Periprosthetic Joint Infection / / edited by E. Carlos Rodríguez-Merchán
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-032-02945-7
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (237 pages)
Collana	Medicine Series
Disciplina	617.47
Soggetti	Orthopedic surgery Medical microbiology Surgical Orthopedics Medical Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. General concepts on PJI -- 2. Diagnosis of PJI -- 3. Antibiotic prophylaxis in total joint arthroplasty: its role in decreasing PJI rates -- 4. PJI in total shoulder arthroplasty: diagnosis -- 5. Risk factors of PJI in total shoulder arthroplasty -- 6. Debridement, antibiotic, and implant retention (DAIR) for PJI in total shoulder arthroplasty -- 7. Revision total shoulder arthroplasty for PJI -- 8. PJI in total elbow arthroplasty -- 9. PJI in total hip arthroplasty: diagnosis -- 10. Revision total hip arthroplasty for PJI -- 11. Prevention of PJI in total knee arthroplasty -- 12. Risk factors of PJI in total knee arthroplasty -- 13. DAIR for PJI in total knee arthroplasty -- 14. Revision total knee arthroplasty for PJI -- 15. Knee arthrodesis for the treatment of PJI -- 16. PJI in total ankle replacement.
Sommario/riassunto	This book is devoted to the critical and evolving field of periprosthetic joint infection (PJI), offering a comprehensive review of the latest advances in its prevention, diagnosis, and treatment. With contributions from leading experts, this volume provides invaluable insights into managing PJI across various joints, including the shoulder, elbow, hip, knee, and ankle. The chapters cover essential topics such as general concepts of PJI, diagnostic techniques, antibiotic prophylaxis, and specific challenges associated with different types of joint

arthroplasty. Readers will explore risk factors, debridement strategies, revision surgeries, and innovative treatments like knee arthrodesis. This book is a must-read for anyone seeking to stay abreast of cutting-edge research and clinical practices in the field of PJI. Researchers in orthopedics, infectious disease specialists, surgeons, and healthcare professionals involved in joint arthroplasty will find this book particularly beneficial. This book serves as an essential resource for understanding the complexities of PJI and offers practical solutions to improve patient outcomes. It equips both seasoned practitioners and residents entering the field with essential knowledge and tools to tackle one of the most challenging complications in joint replacement surgery.
