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| Nota di contenuto       | Chapter 1. The burden of revision total knee arthroplasty -- Chapter 2. The impact of tobacco use on revision total knee arthroplasty outcomes -- Chapter 3. The impact of obesity on revision total knee arthroplasty outcomes -- Chapter 4. Impact of preoperative opioid use on patient-reported outcomes after revision total knee arthroplasty -- Chapter 5. Assessment of patient satisfaction following revision total knee arthroplasty -- Chapter 6. Isolated versus full component revision in total knee arthroplasty for aseptic loosening -- Chapter 7. Wound complications following revision total knee arthroplasty -- Chapter 8. One-stage revision for periprosthetic joint infection -- Chapter 9. Two-stage revision for periprosthetic joint infection -- Chapter 10. Revision total knee arthroplasty for arthrofibrosis -- Chapter 11. Revision total knee arthroplasty for implant-related metal allergy -- Chapter 12. Robotic-assisted revision total joint arthroplasty -- Chapter 13. Metal augments, polyethylene thickness and stem length affect tibial baseplate load transfer in revision total knee arthroplasty -- Chapter 14. Cementless porous-coated metaphyseal sleeves used for bone defects in revision total knee arthroplasty -- Chapter 15. Chronic |

extensor mechanism failure after primary or revision total knee arthroplasty: reconstructive and augmentation options -- Chapter 16.  
Artificial intelligence in revision total knee arthroplasty -- Chapter 17.  
Re-revision total knee arthroplasty.

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## Sommario/riassunto

This book offers a comprehensive guide to revision total knee arthroplasty, a complex surgical procedure with increasing numbers due to the aging world's population. Covering both septic and aseptic prosthetic failure, it presents an updated overview of available surgical techniques – from one or two-stage revision for periprosthetic joint infection to robot-assisted total joint arthroplasty. Moreover, the authors explore the current role and future potentialities of artificial intelligence. This volume offers the reader state-of-the-art information aiming to illuminate contentious topics in the field.

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