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Nota di contenuto	Section I: Primary Total Hip Arthroplasty -- Preoperative planning & hip biomechanics -- 2.Direct Anterior approach to THR -- 3.Anterolateral (Hardinge) Approach -- 4.Posterior (Southern) Approach -- 5.The Cemented total hip Arthroplasty -- 6.The Cementless total hip Arthroplasty.-7.Hybrid THA -- Bipolar hemiarthroplasty -- 9.Minimally invasive total hip Arthroplasty -- 10.Radiological assessment in total hip arthroplasty -- Section II: Implants & Tribology -- 11. Bearing surfaces in total hip arthroplasty -- 12.Polyethylene Cups in Total hip Arthroplasty -- 13.Cementless cups in THA -- 14. Stems in THA: philosophy and indications -- 15.Rationale for implant selection in -- Section III: Total hip arthroplasty in Complex scenario -- 16.Total hip replacement in AVN of hip -- 17. THR in Dysplastic hips.-18.THR in Intertrochanteric fractures -- 19.THR in Ankylosed/fused hips -- 20. THR in Protrusio acetabuli -- 21. THR post tuberculosis hip -- 22.THR in Proximal Femoral deformity/osteotomy -- 23.THR post Acetabular fractures -- 24.THR post failed fixations for trauma -- 25. THR in fracture neck of femur -- 26. THA in rheumatoid arthritis -- 27.Thr in Neglected hip dislocation -- 28.THR after excision arthroplasty -- 29. THR in Juvenile Rheumatoid arthritis -- Section IV: Complications in Total Hip replacement -- 30.Periprosthetic fractures in Total Hip replacement -- 31.Instability after THA :management algorithm -- 32.

Management of limb length discrepancy in THR -- 33.Heterotrophic Ossification -- 34.Management of Sciatic Nerve Palsy after THR -- 35. Trunionosis -- 36.Single stage revision of infected THR -- 37.Two stage revision of Infected THR -- Section V: Navigation and Robotics in THR -- 38.Navigation assisted THR -- 39.Robotic Assisted THR -- SECTION VI: REVISION TOTAL HIP ARTHROPLASTY -- 40.Modes of failure & indications in Revision THA? -- 41.Surgical exposures in Revision THR(including Extended trochanteric osteotomy) -- 42. Component extraction on acetabular side(including cemented, uncemented and well fixed components) -- 43.Component extraction on femoral side (cemented ,uncemented stems including broken stem) -- 44.Rationale for Prosthesis selection in revision THA.-45.Dual mobility cups in Total Hip Arthroplasty -- 46. Revision of Acetabular components: uncemented cups and metal augments -- 47. Acetabular revision using structural allografts -- 48. Impaction bone grafting for managing acetabular deficiency in revision THR -- 49.Revision of acetabulum using rings & Cages -- 50.Constraint acetabular cups in revision THA -- 51.Management of Pelvic discontinuity -- 52.Jumbo cups in revision THR -- 53.Femoral component revision: impaction bone grafting and a cemented stem -- 54.Revision of Femoral stem: cement in cement technique -- 55. Revision of femoral component using uncemented tapered stems (monoblock and modular) -- 56. Proximal porous coated metaphyseal stems (S-ROM) in primary & Revision THA -- 57.Revision using an extensively porous coated stem -- 58. Custom flange cups and 3D printing in THA -- 59. Megaprosthesis reconstruction for Proximal femur defects -- 60. Conversion Revision THA (Uni/Bipolar to THA) -- 61. Allograft Prosthesis reconstruction in Revision THA -- 62.Re-revision of a previously revised THA -- 63.Recent advances and innovations in THA.

Sommario/riassunto

This book brings together the latest updates and current trends in arthroplasty of the hip covering the basics as well as complex and revision surgery. Eminent arthroplasty surgeons across the globe have contributed to the chapters and shared their clinical experiences. There are separate sections on primary hip arthroplasty, complex scenarios requiring hip replacement, and detailed management of related complications. It covers revision hip replacement in detail with the latest updates on surgical techniques and implants. There are separate sections on computer navigation and robotic-assisted hip replacement surgeries. A special section on implants and tribology has been added. The language of the book is easy-to-read, user friendly with pictorial representation of relevant surgical steps. Case-based discussions, surgical tips, and summary has been added in each chapter. The references given at the end of each chapter would be useful for those doing research. This book is an essential on-the-desk book for practicing orthopedic surgeons across the globe, beginners in arthroplasty surgery, postgraduate students of orthopedics, DNB students, and those interested in research. .
