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Nota di contenuto	Part I. Anatomy of the hip and its surgical application -- Surgical Anatomy of the Hip -- The minimally invasive direct anterior approach to the hip -- Part II. Maturity disorders of the hip -- Hip dysplasia: Osteotomies around the hip in childhood -- Pelvic osteotomies: The Periacetabular Osteotomy Technique for Patients with Developmental Dysplasia of the Hip -- Navigated Rotational Acetabular Osteotomy -- Part III. Arthroscopy of the hip -- Hip arthroscopy and impingement -- Evolution, Current Concepts and Future Developments in Arthroscopic Surgery of the Hip -- Current concepts in the management of femoroacetabular impingement -- Part IV Osteonecrosis of the femoral head: Promising hip preservation surgery techniques -- Current state of diagnosis and treatment of osteonecrosis of the femoral head -- Femoral Osteotomies for Osteonecrosis of the Femoral Head -- Stem cell therapy for the treatment of hip osteonecrosis -- Alternative Head Preserving Procedure for Osteonecrosis of the Femoral Head: Tissue Engineering, Future Perspective -- Part V. Arthritis of the hip: Primary hip arthroplasty -- Ceramic-on-ceramic Total Hip Arthroplasty -- Highly cross-linked polyethylene bearing -- Metal-on-metal Total Hip Arthroplasty -- First experience with ceramic-on-ceramic hip

resurfacing -- Cup positioning using anatomical landmarks of the acetabulum -- Intra-operative measurement of cementless stem anteversion -- Part VI Arthritis of the hip: Revision Hip Arthroplasty -- Triflange cup and 3D-printing -- Trochanteric osteotomy -- Acetabular defects and their treatment -- Surgical Management of Femoral Bone Loss.

Sommario/riassunto

This book describes current and emerging techniques in hip surgery, providing the essential, up-to-date knowledge that will be required by the orthopaedic surgeon who plans to become a specialist hip surgeon. The opening chapter offers a concise overview of the surgical anatomy, with particular attention to details relevant to the surgical techniques outlined in the book. The increasingly popular anterior minimally invasive approach to the hip and a microinvasive variation of this approach are then described. Subsequent chapters present surgical approaches to developmental disorders of the hip, including dysplasia and femoroacetabular impingement, and promising hip preservation techniques for avascular necrosis of the hip – an often neglected but internationally relevant disease that can mutilate the hip in young patients. Finally, the latest techniques and implants for primary and revision hip arthroplasty are discussed in depth. The international author team consists of recognized leaders in the field, many of whom have developed the described classifications and new surgical techniques. .
