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Note generali	Includes index.
Nota di contenuto	1. Embryology and anatomy of the hip joint / K. Mohan Iyer -- 2. Biomechanics of the hip joint / Ram Ravishankar -- 3. Clinical examination of the hip joint / K. Mohan Iyer -- 4. Imaging of the hip joint / Rajesh Botchu and Ram Vaidhyanath -- 5. Disorders of the hip in children and adolescents / K. Vinodh, Sughran Banerjee, K. Mohan Iyer, Vijaya Kumar Kempanna, Robert Jennings, and Sharad Goyal -- 6. Injuries around the hip joint, including periprosthetic fractures / K. Mohan Iyer, Vijaya Kumar Kempanna, Sharad Goyal, Shibu Krishnan, and Gurdeep Singh Biring -- 7. The adult hip and its disorders / K. Mohan Iyer -- 8. Total hip arthroplasty / Sharad Goyal, Edward A.O. Lindisfarne, David Ball, and Ardeshir Bonshahi -- 9. Girdlestone arthroplasty / K. Mohan Iyer -- 10. Osteotomies around the hip joint / K. Mohan Iyer -- 11. Hip resurfacing / Michael C. Moss, Sharad Goyal, and Gyanendra Kumar Singh -- 12. Minimally invasive total hip replacement / Dayanand Manjunath and Deepak Shivanna -- 13. Computer navigation in hip arthroplasty / Wasim Khan -- 14. Neoplastic conditions around the hip / Ram Vaidhyanath and Rajesh Botchu -- 15. Arthroscopy of the hip / Gurdeep Singh Biring.
Sommario/riassunto	For centuries, orthopaedic surgeons have been managing the pain, limp, and gait disturbance that develop in association with various traumas and diseases of the hip joint. The hip is a ball-and-socket

joint that has a good range of movement, but it is stable and rarely dislocates, even after high-impact trauma, and can withstand repeated motion and a fair amount of wear and tear. However, despite its durability, it is not indestructible. With age and use, the cartilage can wear down or become damaged. Overuse of muscles and tendons of the hip, for example, in athletes, leads to hip pain due to muscle strain or tendonitis. Other factors that can cause pain and lead to progressive arthritic changes include the abnormal anatomy a person is born with, conditions that develop during the growth and development of bones, and trauma as well as wear and tear due to ageing. The diagnosis and management of hip injuries have evolved substantially with advances in hip arthroscopy and diagnostic tools such as MRI and new, minimally invasive techniques. This book provides a detailed account of the hip joint's anatomy and biomechanics and serves as a practical guide for the diagnosis and treatment of hip diseases and injuries at all ages. The book covers recent trends in orthopaedic surgery of the hip joint, including the latest advances in revision total hip arthroplasty (THA), computer-assisted navigation for THA, resurfacing of the hip joint, neoplastic conditions around the hip, and indications, complications, and outcomes of hip arthroscopy. The chapters are written by experts who have contributed greatly to the understanding of problems of the hip joint. The book will be appreciated by undergraduate and postgraduate students, experienced hip surgeons, medical doctors, and practicing consultants in orthopaedics.
