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Nota di contenuto	Part 1. History -- Historical Perspective -- Part 2. Anatomy and blood flow -- Vascular Anatomy and Blood Supply to The Femoral Head -- Ischemia and Reperfusion Injury in Bone -- Part 3. Epidemiology -- Epidemiology of Osteonecrosis in The Europe -- Epidemiology of Osteonecrosis in The United States -- Epidemiology of Osteonecrosis in The Japan -- Epidemiology of Osteonecrosis in The South Korea -- Epidemiology of Osteonecrosis in The Taiwan and China -- Part 4. Etiology -- Genetic Studies in Osteonecrosis of The Femoral Head -- Osteonecrosis and Intravascular Coagulation Revisited -- Glucocorticoids as An Etiologic Factor -- Corticosteroid Usage and Osteonecrosis of The Hip -- Alcohol -- Traumatic Osteonecrosis of The Femoral Head -- Posttraumatic Osteonecrosis of The Femoral Head -- Osteonecrosis in Sickel Cell Disease -- Autoimmune disease and Other Risk Factor -- Part 5. Pathology -- Pathophysiology of Ischemic Diseases of The Hip; Osteonecrosis, Borderline Necrosis and Bone

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Sommario/riassunto

Osteonecrosis is a disease caused by reduced blood flow to bones in the joints, including the hip, knee, shoulder, and ankle. The disease, which is usually progressive and leads to joint failure, occurs in young adults aged from their twenties to their fifties. The pathogenesis of osteonecrosis is still unclear, and treatment remains controversial. This book provides up-to-date and comprehensive information on the pathophysiology, etiology, diagnosis, classification, and treatment of osteonecrosis. The role of various imaging modalities is considered,

and both non-surgical and surgical treatment approaches are clearly explained. The contributions, all from experts in the field, are based on presentations at leading international meetings during the past 10 years and on peer-reviewed papers. The book will be of interest not only to clinical practitioners but also to those engaged in basic research.
