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Titolo	Osteogenesis Imperfecta : A Case-Based Guide to Surgical Decision-Making and Care // edited by Richard W. Kruse
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I- General Considerations in Treating OI for the Surgeon -- Introduction to Osteogenesis Imperfecta -- Patient Evaluation and Medical Treatment for Osteogenesis Imperfecta -- Therapy, Orthotics and Assistive Devices for Osteogenesis Imperfecta -- The Structure and Functioning of the Multidisciplinary Clinic in Managing and Monitoring Patients with Osteogenesis Imperfecta in the UK -- Quality of Life and Functional Evaluation Measures for Osteogenesis Imperfecta -- Part II- Surgery and Surgical Planning -- Personal Reflections on Care for Osteogenesis Imperfecta -- Surgical Principles in Treating Osteogenesis Imperfecta -- Anesthetic and Post-Operative Pain Management in Osteogenesis Imperfecta -- Part III: Surgical Cases- Pelvis and Extremities -- Morphological Features and Treatment of the Hip and Proximal Femur in Osteogenesis Imperfecta -- Osteogenesis Imperfecta in the Femur and Knee -- Osteogenesis Imperfecta in the Tibia and Ankle -- Osteogenesis Imperfecta in the Upper Extremity -- Osteogenesis Imperfecta in the Spine -- Unique Considerations of the Adult with Osteogenesis Imperfecta -- Extremity Surgery in Adult with osteogenesis imperfecta -- Management of Osteogenesis Imperfecta in India.
Sommario/riassunto	Osteogenesis imperfecta (OI), also known as brittle bone disease, is a genetic disease involving primarily the skeleton but affecting all organ systems. It is an extremely multifarious condition causing frequent

fractures and limb and spinal deformity, which can often be severe. While there are described surgical procedures to treat these patients, due to the variety of the deformities and the fragility of the bone, the orthopaedic surgeon is often forced to adapt or modify a plan during an operation to achieve success. Surgical experience with the disease worldwide is often limited and variable, and due to constraints on medical equipment and surgical implants in resource-constrained countries, alternate methods of achieving the similar surgical endpoints are possible. This book will help guide decision-making in surgery using biologic and surgical principles to assist the planning and execution of surgery with available resources. It will then provide the surgeon with background knowledge of the genetic, medical and surgical principles necessary to formulate a comprehensive treatment plan, illustrated by varied and complex patient cases from experienced surgeons and clinicians worldwide. Beginning with an introduction to osteogenesis imperfecta and the general care of the patient, the book is divided into thematic sections covering general surgical considerations, principles of extremity surgery, and surgical cases on the pelvis, upper and lower extremities, and the spine, it will incorporate aspects of surgical decision-making, including cultural and geographic factors, to give a truly global perspective on the care of these complex patients.
