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Nota di contenuto	PART I INTRODUCTION Chapter 1 The History of Pelvic Fracture Treatment -- Chapter 2 Surgical Anatomy of the Pelvis -- Chapter 3 Biomechanics of the Pelvis -- Chapter 4 Classification of Pelvic Ring Injuries -- Chapter 5 Prehospital Treatment of Suspected Pelvic Injuries -- Chapter 6 Inhospital Clinical Examination -- Chapter 7 Radiological Diagnostics -- PART II EMERGENCY MANAGEMENT Chapter 8 Introduction - Emergency Management -- Chapter 9 Emergency Stabilization - Pelvic Binder -- Chapter 10 Emergency Management - Pelvic C-Clamp -- Chapter 11 Mechanical Stabilization: DC-Osteosynthesis -- Chapter 12 Pelvic Packing -- Chapter 13 Direct Hemorrhage Control: Vascular DC-Treatment -- Chapter 14 Emergency Management -- Resuscitative Endovascular Balloon Occlusion of the Aorta (REBOA) -- Chapter 15 Indirect Hemorrhage Control: Angiography/Embolization (AE) -- Chapter 16 Coagulation Management -- Chapter 17 Open Pelvic Fractures -- Chapter 18 Morel-Levallée Lesions -- Chapter 19 Pelvic Compartment Syndrome -- Chapter 20 Traumatic Hemipelvectomy -- Chapter 21 Urological Trauma -- PART III TREATMENT OF PELVIC RING INJURIES Chapter 22 Principles of Treatment of Pelvic Ring Injuries -- Chapter 23 Symphyseal Disruption -- Chapter 24 Retrograde Pubic Rami Screw --

Chapter 25 External Fixation -- Chapter 26 Subcutaneous Anterior Pelvic Fixation -- Chapter 27 Ilium Fractures -- Chapter 28 Anterior Plating SI-joint -- Chapter 29 SI-joint – Posterior Reduction and Stabilization -- Chapter 30 Fracture Dislocations of the SI-Joint -- Chapter 31 Iliosacral Screw Fixation -- Chapter 32 Local Sacral Plating -- Chapter 33 Lower Transverse Sacral Fractures -- Chapter 34 Ilio-iliacal Osteosynthesis -- Chapter 35 Lumbopelvic Fixation -- PART IV SPECIAL SITUATIONS Chapter 36 Pediatric Pelvic Ring Injuries -- Chapter 37 Avulsion Injuries -- Chapter 38 Fragility Fractures -- Chapter 39 Intraoperative 3D Imaging of the Pelvic Ring -- Chapter 40 Implant Removal -- Chapter 41 Infectious Complications After Pelvic Ring Surgery -- Chapter 42 Pelvic Malunion and Non-Union -- Chapter 43 ~ Outcome After Pelvic Ring Injuries.

Sommario/riassunto

This book provides in-depth coverage of all aspects of pelvic ring fractures and their management. The opening chapters supply essential information on surgical anatomy, biomechanics, classification, clinical evaluation, radiological diagnostics, and emergency and acute management. The various operative techniques, including navigation techniques, that have been established and standardized over the past two decades are then presented in a step-by-step approach. Readers will find guidance on surgical indications, choice of approaches, reduction and fixation strategies, complication management, and optimization of long-term results. Specific treatment concepts are described for age-specific fractures, including pediatric and geriatric injuries, and secondary reconstructions. Pelvic ring fractures represent challenging injuries, especially when they present with concomitant hemodynamic instability. This book will help trauma and orthopaedic surgeons at all levels of experience to achieve the primary treatment aim of anatomic restoration of the bony pelvis to preserve biomechanical stability and avoid malunion with resulting clinical impairments.
