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Titolo	Tumors of the Sacrum : Diagnosis and Treatment of Benign and Malignant Tumors // edited by Pietro Ruggieri, Andrea Angelini, Daniel Vanel, Piero Picci
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-51202-1
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 382 p. 91 illus., 44 illus. in color.)
Disciplina	616.0757
Soggetti	Radiology Oncology Orthopedics Radiotherapy Diagnostic Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	PART 1: GENERAL ASPECTS: Surgical Anatomy of the Sacrum -- Clinical and Neurologic Manifestations of Sacral Lesions -- Epidemiology -- Diagnostic Imaging -- Staging and Biopsy -- Histopathology -- PART 2: BENIGN LESIONS: Giant Cell Tumor -- Osteoblastoma -- Osteoid osteoma -- Aneurysmal bone cyst -- Schwannoma -- Exostosis -- Hemangioma -- Other benign rare entities -- PART 3: MALIGNANT LESIONS: Metastasis -- Chordoma -- Osteosarcoma -- Ewing's Sarcoma -- Myeloma -- Lymphoma -- Condrosarcoma -- Other malignant rare entities -- PART 4: TREATMENTS: Surgical Approaches to the Sacrum -- Partial and total sacrectomy -- Sacral Biomechanics and Reconstruction -- Soft tissue reconstruction after sacral surgery -- Embolization of Sacral Lesions -- Radiation Therapy of Sacral Neoplasms.
Sommario/riassunto	This book provides an up-to-date overview on the epidemiology, clinical presentation, and imaging characteristics of sacral tumors, discusses the available treatment options, and reports the published outcomes. The diagnostic roles of conventional radiology, CT, and MRI

are thoroughly described and imaging appearances are compared with the histologic features. The coverage of therapeutic approaches includes chemotherapy, radiotherapy, radiosurgery, and surgery (partial or total sacrectomy and spinopelvic reconstruction). Special attention is paid to the specific anatomic constraints that make tumors in this region of the spine more difficult to manage effectively than those in the extremities and the mobile portions of the spine. All components of the sacrum can give rise to benign or malignant tumors, which pose significant diagnostic and therapeutic challenges. Although these tumors are often diagnosed at an advanced stage, good clinical outcomes may be achieved if an aggressive multidisciplinary approach is used. This book will be of value for a range of practitioners; it will assist in prompt diagnosis and help to overcome lack of familiarity with the required treatment strategies.
