

1. Record Nr.	UNINA9910254466703321
Titolo	Imaging of Soft Tissue Tumors // edited by Filip M. Vanhoenacker, Paul M. Parizel, Jan L. Gielen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
Edizione	[4th ed. 2017.]
Descrizione fisica	1 online resource (XIX, 666 p. 468 illus., 102 illus. in color.)
Disciplina	616.0757
Soggetti	Radiology Oncology Orthopedics Pathology Diagnostic Radiology Oncology Surgical Orthopedics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Part I Diagnostic Modalities: Ultrasound -- Plain Radiography Computed Tomography and Angiography -- Nuclear Medicine Imaging -- Magnetic Resonance Imaging: basic concepts -- Magnetic Resonance Imaging: advanced imaging techniques -- Genetics and Molecular Biology -- Biopsy of Soft Tissue Tumors -- Pathology of Soft Tissue Tumors -- Part II Staging, Grading and Tissue Specific Diagnosis: Staging -- Grading and Tissue Specific diagnosis -- Diagnostic Algorithm -- Part III Imaging of Soft Tissue Tumors: WHO Classification of Soft Tissue Tumors -- Adipocytic Tumors -- Fibroblastic/Myofibroblastic Tumors -- So-called Fibro-histiocytic Tumors -- Tumors of Smooth and Skeletal muscle and pericytic tumors -- Vascular Tumors -- Chondro-osseous Tumors -- Tumors of uncertain differentiation -- Part IV Imaging of other Soft Tissue Masses -- Synovial Lesions -- Lesions form the peripheral nerves -- Pseudotumoral Lesions -- Soft Tissue Metastasis -- Soft Tissue

Sommario/riassunto

This richly illustrated book, in an extensively revised new edition, provides a comprehensive survey of the role of medical imaging studies in the detection, staging, grading, tissue characterization, and post-treatment follow-up of soft tissue tumors. The indications for and relative merits of various imaging modalities are fully described, with particular emphasis on the role of advanced MRI techniques that can improve diagnostic accuracy and evaluation of treatment response. The most recent version of the WHO Classification of Soft Tissue Tumors is introduced, and individual chapters are devoted to imaging of each of the tumor groups in that classification as well as other soft tissue masses. Numerous new illustrations of both common and rare tumors are included, providing a rich pictorial database of soft tissue masses. In addition, imaging findings are correlated with clinical, epidemiologic, and histologic data. Imaging of Soft Tissue Tumors will be of value in daily practice not only for radiologists but also for orthopedic surgeons, oncologists, and pathologists.