



Radiotherapy for non-malignant disorders : contemporary concepts and clinical results /

Seegenschmiedt, H.

Springer,
c2008

Monografía

This volume discusses the general background, radiobiology, radiophysics and clinical applications of radiation therapy in the treatment of non-malignant diseases. Within 39 chapters, it documents the rationale and indications for the use of state-of-the-art radiotherapy for various non-malignant disorders of the CNS, head and neck, eye, skin and soft tissues, bone and joints, and the vascular system. In so doing, it draws attention to and elucidates the scope for application of radiotherapy beyond the treatment of malignancies. Both the risks and the benefits of such treatment are fully considered, the former ranging from minor clinical problems to life-threatening diseases. With the assistance of many tables and colored figures, the extensive data from clinical studies are presented in a well-structured and informative way. Each chapter concludes with a list of key points, allowing the reader to quickly comprehend the main facts. Since this approach offers an interdisciplinary perspective, this book will be of interest not only to radiotherapists but also to many other practitioners and medical specialists, for example orthopedists, surgeons, and ophthalmologists

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMzYzNzE5MzI>

Título: Radiotherapy for non-malignant disorders contemporary concepts and clinical results H. Seegenschmiedt ... [et al.], (eds.).

Edición: 1st ed. 2008

Editorial: Berlin London Springer c2008

Descripción física: 1 online resource (757 p.)

Mención de serie: Medical radiology. Radiation oncology

Nota general: Description based upon print version of record

Bibliografía: Includes bibliographical references and index

Contenido: General Background -- Radiobiological Principles -- Side Effects and Long-Term Risks from Radiotherapy of Non-malignant Diseases -- Risk Assessment and Carcinogenesis Modelling -- Radiophysical Principles -- Clinical Principles -- Irradiation of Non-malignant Diseases: An International Survey -- Patterns-of-

Care Study for Non-malignant Diseases in Germany -- Skin and Soft Tissue Disorders -- Non-malignant Skin Disorders: Tumors, Hyperplasia, Dermatoses -- Morbus Dupuytren/Morbus Ledderhose -- Pronie's Disease -- Keloids and Hypertrophic Scars -- Aggressive Fibromatosis/Desmoid Tumors -- Bone and Joint Disorders -- Orthopaedic Examination, Tests and Clinical Scores -- Rotator Cuff Syndrome (RCS) -- Humeral Epicondylopathy (HEP), Lateral and Medial Humeral Epicondylitis -- Calcaneodynia: Plantar and Dorsal Heel Spur/Heel Spur Syndrome -- Degenerative Joint Disease Activated Osteoarthritis Deformans: Hip, Knee, Shoulder and Other Joints -- Heterotopic Ossifications: General Survey for All Sites -- Heterotopic Ossification Prophylaxis - The Hip -- Heterotopic Ossifications after Head and Spinal Cord Injuries (HSCI) -- Pigmented Villonodular Synovitis (PVNS) -- Langerhans? Cell Histiocytosis (LCH) -- Vertebral Hemangioma (VH) -- Aneurysmal Bone Cyst (ABC) -- Vascular Disorders -- Giant Hemangioma/Kasabach-Merritt Syndrome -- Eye Disorders -- Graves' Orbitopathy -- Pseudotumor Orbitae -- Pterygium -- Hemangiomas and Vascular Tumors of the Eye -- Local and Systemic Inflammatory Disorders -- Inflammatory Disorders: Furunculitis, Hidradenitis, Paronychia and Paronychia -- Lymphocutaneous Fistulas and Lymphoceles -- Local Rheumatoid Arthritis and Radiation Synovectomy -- Head and Neck -- Non-Malignant Disorders of the Head Region -- CNS and Brain -- Arterio-Venous Malformations -- Meningioma -- Vestibular Schwannoma (Acoustic Neuroma) -- Pituitary Adenoma -- Trigeminal Neuralgia -- Radiosurgical Treatment Options for Epileptic Disorders -- Where There is No Evidence: Registry for Rare Benign Diseases

Lengua: English

ISBN: 1-282-12790-X 9786612127908 3-540-68943-5

Materia: Radiotherapy Radiology, Medical

Autores: Seegenschmiedt, H.

Enlace a serie principal: Medical Radiology Diagnostic Imaging (CKB)110978978742459 (DLC)sf95020508 2197-4187

Enlace a formato físico adicional: 3-642-08292-0 3-540-62550-X

Punto acceso adicional serie-Título: Medical radiology. Radiation oncology

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