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| Descrizione fisica | 1 online resource (xiv, 500 pages) : illustration |
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| Lingua di pubblicazione | Inglese |
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| Livello bibliografico | Monografia |
| Nota di contenuto | Central Nervous System Tumors -- Head and Neck Cancers -- Thoracic Malignancies -- Breast Cancer -- Gastrointestinal System Cancers -- Genitourinary Cancers -- Gynecological Cancers -- Sarcomas -- Lymphomas. |
| Sommario/riassunto | This book is an evidence-based guide to current use of radiation therapy for the treatment of malignancies at major disease sites. It is designed to meet the needs of residents, fellows, and practicing radiation oncologists and will assist in selection and delineation of tumor volumes/fields and dose prescription for intensity-modulated radiation therapy, including volumetric modulated arc therapy for stereotactic radiosurgery or stereotactic body radiotherapy. Each tumor site-related chapter presents, from the perspective of an academic expert, informative cases at different stages in order to clarify specific clinical concepts. The coverage includes case presentation, a case-related literature review, patient preparation, simulation, contouring, treatment planning, image-guided treatment delivery, follow-up, and toxicity management. The text is accompanied by illustrations ranging from slice-by-slice delineations on planning CT images to finalized plan evaluations based on detailed acceptance criteria. The expert knowledge and evidence contained in this comprehensive book will give readers the confidence to manage common cancers without outside referral and to meet the clinical challenges faced in everyday |

practice.
