Record Nr. UNINA9910300189303321 Radiation Therapy for Head and Neck Cancers: A Case-Based Review / **Titolo** / edited by Murat Beyzadeoglu, Gokhan Ozyigit, Ugur Selek Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-10413-6 Edizione [1st ed. 2015.] 1 online resource (248 p.) Descrizione fisica Disciplina 616.0757 616.99/4910642 Soggetti Radiotherapy Oncology Nervous system - Radiography Neuroradiology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references at the end of each chapters and Nota di bibliografia index. General Concepts in Head and Neck Radiotherapy: Patient Preparation Nota di contenuto -- Simulation -- Treatment Planning -- Follow-up during Radiotherapy -- Follow-up After Radiotherapy -- Management of Neck -- Systemic therapies in the management of Head and Neck Cancers -- Orbital Tumors -- Ear Tumors -- Paranasal Sinus and Nasal Cavity Tumors --Nasopharyngeal Cancers -- Oropharyngeal Cancers -- Hypopharyngeal Cancers -- Laryngeal Cancers -- Oral Cavity Cancers -- Salivary --Neck Metastases of Unknown Primary -- Rare Tumors of Head and Neck Region. Sommario/riassunto This evidence-based guide to the current management of cancer cases at all head and neck sites will assist in the appropriate selection and delineation of tumor volumes/fields for intensity-modulated radiation therapy (IMRT), including volumetric modulated arc therapy (VMAT). Each tumor site-related chapter presents, from the perspective of an academic expert, several actual 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, treatment delivery, and

follow-up. 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 book will be of value for residents, fellows, practicing radiation oncologists, and medical physicists interested in clinical radiation oncology. It will facilitate the management of patients with common head and neck cancers without the need for outside referral and will help the reader to meet challenges frequently encountered in clinical practice.