1. Record Nr. UNINA9910454032903321 Principles and practice of radiation oncology / / editors, Carlos A. Perez **Titolo** [and three others]: Jonathan Pine, acquisition editor: Michael Standen. developmental editor; contributors Robert J. Amdur [and six others] Philadelphia, Pennsylvania:.: Lippincott Williams & Wilkins.. 2004 Pubbl/distr/stampa ©2004 **ISBN** 1-4698-8568-9 Edizione [Fourth edition.] 1 online resource (2594 p.) Descrizione fisica Disciplina 616.99/40642 Soggetti Cancer - Radiotherapy Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. ""Cover""; ""Copyright""; ""DEDICATION""; ""Editors""; ""PREFACE""; ""TNM Nota di contenuto CANCER STAGING: 2002, SIXTH EDITION""; ""ACKNOWLEDGMENTS""; ""Contents""; ""Section 1 Overview and Basic Science of Radiation Oncology""; ""Chapter 1 The Discipline of Radiation Oncology""; ""Part A Cancer Biology""; ""Chapter 2 Biologic Basis of Radiation Therapy""; ""Chapter 3 Molecular Cancer and Radiation Biology""; ""Chapter 4 Molecular Pathophysiology of Tumors""; ""Part B Medical Radiation Physics""; ""Chapter 5 Principles of Radiologic Physics, Dosimetry, and Treatment Planning"" ""Chapter 6 Photon External-Beam Dosimetry and Treatment Planning"""Chapter 7 Electron-Beam Therapy: Dosimetry, Planning, and Techniques"": ""Chapter 8 Three-Dimensional Conformal Radiation Therapy: Physics, Treatment Planning, and Clinical Aspects": ""Chapter 9 Intensity-Modulated Radiation Treatment Planning, Quality Assurance, Delivery, and Clinical Application""; ""Section 2 Techniques, Modalities, and Modifiers in Radiation Oncology""; ""Chapter 10 Altered Fractionation Schedules""; ""Chapter 11 Late Effects of Cancer Treatment on Normal Tissues"" ""Chapter 12 Methodology of Clinical Trials"""Chapter 13 Magna-Field Irradiation""; ""Chapter 14 Stereotactic Irradiation""; ""Chapter 15

Intraoperative Radiation Therapy""; ""Chapter 16 Particle Beam

Radiotherapy: Clinical Perspective""; ""Chapter 17 Physics and Biology of Brachytherapy"": ""Chapter 18 Clinical Applications of Brachytherapy I. LDR and PDR""; ""Chapter 19 Physics and Dosimetry of High-Dose-Rate Brachytherapy""; ""Chapter 20 Clinical Aspects of High-Dose-Rate Brachytherapy""; ""Chapter 21 Nonsealed Radionuclide Therapy""; ""Chapter 22 Radioimmunoglobulins in Cancer Therapy"" ""Chapter 23 Radiation Response Modulation""""Chapter 24 Hyperthermia""; ""Chapter 25 Basic Concepts of Chemotherapy and Irradiation Interaction""; ""Section 3 Clinical Radiation Oncology""; ""Part A Skin Cancer""; ""Chapter 26 Skin""; ""Part B AIDS-Related Malignancies""; ""Chapter 27 Malignant Neoplasms Associated with the Acquired Immunodeficiency Syndrome""; ""Part C Central Nervous System Tumors""; ""Chapter 28 Brain, Brainstem, and Cerebellum""; ""Chapter 29 Pituitary""; ""Chapter 30 Spinal Canal""; ""Chapter 31 Eye and Orbit""; ""Part D Head and Neck Tumors""; ""Chapter 32 Ear"" ""Chapter 33 The Role of Combined Radiation Therapy and Chemotherapy in the Management of Locally Advanced Squamous Carcinoma of the Head and Neck"""Chapter 34 Nasopharynx""; ""Chapter 35 Nasal Cavity and Paranasal Sinuses""; ""Chapter 36 Salivary Glands""; ""Chapter 37 Oral Cavity""; ""Chapter 38 Oropharynx (Tonsillar Fossa, Faucial Arch, and Base of Tongue)""; ""Chapter 39 Hypopharynx""; ""Chapter 40 Larynx""; ""Chapter 41 Unusual Nonepithelial Tumors of the Head and Neck""; ""Chapter 42 Head and Neck: Management of the Neck""; ""Chapter 43 Thyroid""; ""Part E Thoracic Tumors" ""Chapter 44 Lung""