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Nota di contenuto	PART I – INTRODUCTORY ASPECTS 1 Epidemiology of cancer: prevalence, incidence of neoplastic diseases and trends in survival in Europe -- 2 Cancer, heart diseases and common risk factors: Smoke -- 3 Cancer, heart diseases and common risk factors: Diet and Physical activity -- PART II – CARDIAC PROBLEMS AS A CONSEQUENCE OF CANCER 4 Thromboembolic disorders as a consequence of cancer -- 5 Arrhythmias and electrolyte imbalances as consequences of cancer -- PART III – ONCOLOGIC TREATMENTS AND CARDIOTOXICITY 6 Molecules, drugs and first-line therapies. A guide for the cardiologist -- 7 The pharmacologist's point of view: Mechanisms of cardiotoxicity -- 8 Cardiotoxicity: Left ventricular dysfunction -- 9 Cardiotoxicity: Cardiac ischemia -- 10 Cardiotoxicity: Hypertension -- 11 Cardiotoxicity: Arrhythmias -- 12 Radiotherapy: clinical aspects and

cardiotoxicity -- 13 Cardiotoxicity in Children -- 14 Cardiotoxicity in the Elderly -- 15 Treatments in patients with cancer and cardiac diseases -- 16 Hematopoietic stem cell transplantation and Cardiotoxicity -- 17 Long-term survivors -- PART IV – CARDIAC TUMORS 18 Cardiac malignancies: clinical aspects -- 19 Secondary Cardiac Tumors -- 20 Primary cardiac malignancies: Epidemiology and Pathology -- 21 Diagnosis of Primary cardiac malignancies: Echocardiography -- 22 Diagnosis of Primary cardiac malignancies: Magnetic Resonance -- 23 Other imaging techniques for diagnosis of cardiac malignancies: CT and PET -- 24 Surgical treatment of primary cardiac malignancies -- 25 Cardiac Tumors: Multimodality approach, follow-up and prognosis -- PART V – IMPROVING THE COOPERATION BETWEEN ONCOLOGISTS, CARDIOLOGISTS, AND GENERAL PRACTITIONERS 26 Understanding the most common oncologic and cardiologic terms -- 27 What the oncologist needs to know; how to ask for a cardiology consultation -- 28 What the cardiologist needs to know; how to write the consultation -- 29 What the general practitioner needs to know; when to consult the cardiologist and/or the oncologist.-

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### Sommario/riassunto

This concise and handy manual provides straightforward, up-to-date guidance for cardiologists and other practitioners on the management of cancer patients with cardiac problems, whether they be due to the cancer itself or to antineoplastic treatment. Detailed attention is devoted to the various forms of cardiotoxicity associated with chemotherapy and radiotherapy. The drugs commonly responsible for each toxicity are identified and clear advice is offered on monitoring techniques and treatment approaches. In addition, the issue of cardiotoxicity due to cancer treatment in particular patient groups – children, the elderly, and those with pre-existing cardiac disease – is addressed separately, with guidance on when and how antineoplastic (and/or cardiologic) treatments should be modified. Further sections describe the correct responses to cardiac problems secondary to the cancer itself, including thromboembolic disorders and electrolyte imbalances, and the diagnosis, treatment, and follow-up of cardiac tumors. A closing section considers how to improve cooperation between oncologists, cardiologists, and general practitioners to ensure that cancer patients' cardiovascular needs are met in a multidisciplinary approach. .

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