Thyroid Cancer in Clinical Practice

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To the future generation of McDougalls
—Hudson, Logan, and Islay

Preface

The number of patients diagnosed with thyroid cancer is increasing dramatically in the United States, and there are more than 30,000 new cases annually. About 5% of adults have a thyroid nodule that can be felt and between 30% and 50% have one or more nodules that can be identified by ultrasound. *Thyroid Cancer in Clinical Practice* covers all aspects of the diagnosis and treatment of thyroid cancer. The author has spent more than 35 years in Nuclear Medicine and Thyroidology in the clinical care of patients with thyroid nodules and or thyroid cancer. He has published 150 peer-reviewed articles and more than 100 reviews and book chapters, the majority devoted to these topics. The text includes evaluation of a patient with a thyroid nodule. The fundamentals of thyroid pathology are presented. The management of thyroid cancer in adults, children, and pregnant women is covered separately. There is discussion of whole-body scintigraphy with ^{123}I , treatment by surgery and ^{131}I , and the role of thyroglobulin measurements. The importance of long-term follow-up using clinical examination, scintigraphy, ultrasound, and serum thyroglobulin measurements is presented. There are separate chapters devoted to anaplastic cancer, medullary cancer, lymphoma of the thyroid, and metastases to the thyroid. The pocket-sized book provides an easily accessible source of information and advice to help practitioners manage patients and to understand when to refer for consultations. The book supplements existing large texts. Despite its pocket size, the text includes images and up-to-date procedures such as fused positron emission tomography/computed tomography images. There are more than 450 scientific citations from journals. The book should be a convenient reference for practitioners and trainees in endocrinology, nuclear medicine, oncology, surgery, including otolaryngology, radiation, and medical oncology. Medical students, nurse practitioners, and patients with a thyroid nodule or thyroid cancer should find this to be a substantial resource.

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