

Contents

Section I. Introduction	1
Chapter 1. Physical and Technical Essentials	3
Definitions, Terminology and Abbreviations	3
Evaluation Basics	3
Anatomy	4
Chapter 2. Ultrasound Features of Thyroid Lesions	5
“Comet Tail” Crystals	5
Calcifications	6
Echogenicity	8
Echo Pattern	9
Hypoechoic Halo	10
Edge Shadow	11
Infiltration	11
Margin	12
Size and Shape	13
Tumor Appearance	14
Vascularity	15
Section II. Types of Thyroid Lesions	17
Chapter 3. Nodular or Colloid Goiter, Hyperplasia, and Cysts	19
Chapter 4. Follicular Adenoma and Follicular Thyroid Carcinoma	65
Chapter 5. Oncocytic Nodule/Hürtle Cell Tumors	121
Chapter 6. Follicular Variant of Papillary Thyroid Carcinoma	123
Chapter 7. Papillary Thyroid Carcinoma	145
Chapter 8. Medullary Thyroid Carcinoma	183
Chapter 9. Anaplastic Carcinoma	195
Chapter 10. Lymphoma and Plasmacytoma	211
Chapter 11. Thyroiditis	223
Chapter 12. Metastases	243
Chapter 13. Regional Lymph Node Metastases	253
References	267
Suggested Further Reading in Pathology	268
Index	269