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Nota di contenuto	1. Current State of the Problem of Thyroid Diseases -- 2. Principles and Technology of Thyroid Ultrasound -- 3. Ultrasound Image of the Normal Thyroid Gland -- 4. Congenital Thyroid Anomalies and Thyroid Diseases in Children -- 5. Ultrasound Diagnosis in Diffuse Thyroid Diseases -- 6. Ultrasound Diagnosis in Thyroid Lesions -- 7. Ultrasound of the Parathyroid Glands and Neck Masses -- 8. Neck Ultrasound after Thyroid Surgery -- 9. Thyroid Disorders and Female Reproductive System Diseases. The Thyroid Gland and Pregnancy -- 10. Ultrasound of Neck Lymph Nodes -- 11. Ultrasound-Guided Fine Needle Aspiration Biopsy -- 12. Main Challenges and Pitfalls in Thyroid Ultrasound -- 13. Conclusion.
Sommario/riassunto	This book is a wide-ranging and up-to-date guide to the use of ultrasound for imaging of the thyroid that will meet the needs of novices while providing more experienced professionals with advanced information. All of the techniques employed in modern thyroid ultrasound are covered, from conventional grayscale and Doppler imaging to elastography and contrast-enhanced ultrasound, with a focus on practical aspects and with detailed analysis of their diagnostic value and limitations. The characteristic ultrasound findings of the normal thyroid and a wide range of thyroid diseases and disorders are described with the aid of hundreds of high-quality images. Diffuse

changes and thyroid lesions are discussed in depth, paying close attention to aspects of importance for early detection and differential diagnosis. In this context the authors summarize their personal experiences in the use of qualitative parameters of compression elastography and quantitative data of shear-wave elastography. In addition, a practical approach to the risk stratification of thyroid nodules is proposed. The book concludes with a resumé of the main challenges and pitfalls in thyroid ultrasound.

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