

Contents

1	History of Thyroid Ultrasound	1
	Robert A. Levine and J. Woody Sistrunk	
2	Thyroid Ultrasound Physics	15
	Robert A. Levine	
3	Doppler Ultrasound	43
	Robert A. Levine	
4	Normal Neck Anatomy and Method of Performing Ultrasound Examination	71
	Vijaya Chockalingam, Sarah Smith, and Mira Milas	
5	Pediatric Ultrasound of the Neck	107
	Hank Baskin	
6	Diffuse Thyroid Disease (DTD) and Thyroiditis	141
	Stephanie L. Lee	
7	Ultrasound of Thyroid Nodules	189
	Susan J. Mandel and Jill E. Langer	
8	Ultrasound and Mapping of Neck Lymph Nodes ...	225
	Catherine F. Sinclair, Dipti Kamani, Gregory W. Randolph, Barry Sacks, and H. Jack Baskin Sr.	
9	Ultrasonography of the Parathyroid Glands	263
	Dev Abraham	
10	Surgical Trends in Ultrasound Applications for the Treatment of Thyroid Nodules, Thyroid Cancer, and Parathyroid Disease	293
	Stacey Klyn and Mira Milas	

11 Ultrasound of Salivary Glands and the Non-endocrine Neck	313
Vinay T. Fernandes and Lisa A. Orloff	
12 Ultrasound-Guided Fine-Needle Biopsy of Thyroid Nodules	359
Mark A. Lupo and Daniel S. Duick	
13 Laser and Radiofrequency Ablation Procedures	389
Petros Tsamatropoulos and Roberto Valcavi	
14 Percutaneous Ethanol Injection (PEI) for Thyroid Cysts and Other Neck Lesions	429
Andrea Frasoldati, Petros Tsamatropoulos, and Daniel S. Duick	
15 Utilization of Molecular Markers in the Diagnosis and Management of Thyroid Nodules	465
Susan J. Hsiao and Yuri E. Nikiforov	
16 Ultrasound Elastography of Thyroid Nodules	489
Ghobad Azizi and Carl D. Malchoff	
17 Authoring Quality Ultrasound Reports	517
J. Woody Sistrunk	
Index	535



<http://www.springer.com/978-3-319-67237-3>

Thyroid and Parathyroid Ultrasound and
Ultrasound-Guided FNA

Duick, D.S.; Levine, R.A.; Lupo, M.A. (Eds.)

2018, XIV, 546 p. 330 illus., 220 illus. in color.,

Softcover

ISBN: 978-3-319-67237-3