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Titolo	Atlas of parathyroid imaging and pathology / / Alexander L. Shifrin, L. Daniel Neistadt, Pritinder K. Thind, editors
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ISBN	3-030-40959-7
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIII, 283 p. 207 illus., 199 illus. in color.)
Disciplina	617.539
Soggetti	Parathyroid glands - Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Parathyroid Ultrasound -- Scintigraphic Parathyroid Imaging -- Pathology of the Parathyroid Glands -- Right Superior Parathyroid Adenoma -- Right Inferior Parathyroid Adenoma -- Left Superior Parathyroid Adenoma -- Left Inferior Parathyroid Adenoma -- Ultrasonography, Sestamibi Scan, and SPECT/CT Sestamibi Scan of an Intrathyroidal Parathyroid Adenoma and Cystic Parathyroid Adenoma -- Imaging of the Parathyroid Carcinoma -- Motivation for Imaging Studies -- Contrast CT Approach -- The CT Technique -- Individual CT Phases -- Sources of False Positive and False Negative Enlarged Parathyroid Glands -- Correlative Ultrasound -- Shape, Number, and Size of Parathyroids -- Location of Parathyroid Glands -- Multigland Disease -- Rare Parathyroid Presentations -- Illustrative Cases -- Summary: CT Scan of the Neck in the Evaluation of Parathyroid Glands -- Invasive Techniques for Parathyroid Localization -- MRI of the Parathyroid Glands.
Sommario/riassunto	This book provides a visual demonstration of normal and ectopic locations of parathyroid adenomas using different modalities in patients with PHPT and to describe parathyroid gland-related pathology. It includes several modern imaging modalities for localization of parathyroid glands and parathyroid adenomas, such as Sestamibi scan, SPECT/CT Sestamibi scan, neck ultrasound, MRI, thin-cut CT, and 4D CT scans. Written by experts in the field, chapters include pathology images corresponding to radiology imaging for some

presented cases (gross and high-power view). Authors have also collected radiological images of difficult-to-localize parathyroid adenomas in ectopic (abnormal) locations. The atlas is organized by location of the adenomas in upper and lower eutopic locations followed by ectopic locations. Each case demonstrates dual or triple modalities such as US, Sestamibi scan, or SPECT/CT Sestamibi scan, thin-cut CT scan, or 4D CT performed on the same patient. A chapter on parathyroid pathology is also included to help the reader understand challenges in pathological interpretation. *Atlas of Parathyroid Imaging and Pathology* serves as a valuable reference for radiologists, endocrine surgeons, head and neck surgeons, ENT surgeons, surgical oncologists, endocrinologists, pathologists, nephrologists, students, and all physicians and allied health practitioners involved in the treatment of patients with primary, secondary, and tertiary hyperparathyroidism.

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