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Titolo	Atlas of Sellar and Parasellar Lesions : Clinical, Radiologic, and Pathologic Correlations // edited by Gabriel Zada, M. Beatriz S. Lopes, Srinivasan Mukundan Jr., Edward R. Laws Jr
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Descrizione fisica	1 online resource (514 p.)
Disciplina	610
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Anatomy of the Sellar and Parasellar Region -- Imaging of the Sellar Region -- Pituitary Physiology and Endocrinology -- Pathology and Molecular Biology of the Pituitary Region -- The Direct Endoscopic Endonasal Transsphenoidal Approach to the Pituitary Gland -- Transcranial and Skull Base Surgical Approaches to the Sellar and Parasellar Region -- Radiosurgery of the Sellar and Parasellar Region -- The Normal Pituitary Gland -- Pituitary Hyperplasia -- Nonfunctioning Pituitary Adenomas -- Prolactinomas -- Somatotroph (GH) Adenomas -- Corticotroph (ACTH) Adenomas -- Silent Corticotroph (ACTH) Adenomas -- Thyrotroph (TSH) Adenomas -- Gonadotroph Adenomas -- Pituitary Apoplexy -- Atypical Pituitary Adenomas -- Pituitary Carcinoma -- Ectopic Pituitary Adenomas -- Craniopharyngioma -- Rathke Cleft Cyst -- Xanthogranuloma of the Sellar Region -- Petrous Apex Cholesterol Granuloma -- Sellar Region Arachnoid Cyst -- Sellar Region Epidermoid and Dermoid Cysts -- Colloid Cyst of the Sellar Region.- Meningioma.- Hemangiopericytoma -- Schwannomas of the Sellar and Parasellar Region -- Chordoma and Chondrosarcoma -- Hemangioblastoma -- Cavernous Sinus Cavernous Hemangioma --

Optic Pathway (Opticochiasmatic) and Hypothalamic Gliomas -- Pituicytomas and Sellar Ependymomas -- Granular Cell Tumor -- Germ Cell Tumor -- Olfactory Neuroblastoma and Sellar Neuroblastoma -- Hypothalamic Hamartoma -- Plasmacytoma -- Lymphoma -- Gangliocytoma and Ganglioglioma -- Spindle Cell Oncocytoma -- Nasopharyngeal Carcinoma and Squamous Cell Carcinoma of the Paranasal Sinuses -- Sinonasal Melanoma -- Sinonasal Adenocarcinoma -- Sinonasal Undifferentiated Carcinoma (SNUC) -- Fibrosarcoma of the Sellar Region -- Juvenile Nasopharyngeal Angiofibroma (JNA) -- Metastatic Tumors to the Pituitary Gland -- Spontaneous Abscess of the Sellar Region -- Invasive Fungal Sinusitis and Fungal Abscess of the Sella -- Mucocele and Mucopyocele -- Sellar Tuberculosis -- Neurocysticercosis of the Sellar Region -- Granulomatous Conditions -- Inflammatory Hypophysitis -- Demyelinating Diseases: Multiple Sclerosis and Neuromyelitis Optica -- Cerebral Aneurysms with Intrasellar Extension -- Arteriovenous Malformations -- Cavernous Malformations (Angiomas) of the Sellar and Suprasellar Region -- Vascular Fistulas of the Sellar and Parasellar Region -- Carotid Artery Dolichoectasia and Kissing Internal Carotid Arteries -- Sheehan's Pituitary Infarction -- Persistent Trigeminal Artery of the Sellar Region -- Meningoceles and Encephaloceles -- Empty Sella Syndrome -- Pituitary Hypoplasia and Other Midline Developmental Anomalies -- Duplication of the Pituitary Gland -- Fibrous Dysplasia -- Basilar Impression and Invagination -- Traumatic Injury, Pituitary Stalk Disruption, and Posttraumatic Anosmia -- Spontaneous, Traumatic, and Postoperative CSF Rhinorrhea -- Pseudoaneurysms of the Internal Carotid Artery in the Sellar Region -- Iatrogenic Pituitary Abscess.

Sommario/riassunto

This book presents, in a stepwise and interactive fashion, approximately 75 clinical-pathological entities that reflect the wide spectrum of pathology encountered in the sellar and parasellar region and have been gathered over a period of decades by the authors. Multiple examples of high-quality radiologic and histopathologic images depicting the differentiating features of the varying lesions are presented, and key operative and clinical management pearls are briefly reviewed in a concise, bullet point format. The interdisciplinary nature of this easy-to-use color atlas and textbook reflects the fact that the management of patients with sellar and parasellar lesions is itself often interdisciplinary, making this atlas a useful resource for any practitioner or trainee who cares for patients with pituitary disease and anterior skull base pathology. The format is unique in that no similar interdisciplinary book is dedicated specifically to the comprehensive catalogue of lesions in this intricate region of the brain and skull base. Atlas of Sellar and Parasellar Lesions: Clinical, Imaging, and Pathologic Correlations is of great value for practitioners and trainees in a range of medical specialties, including radiology, neurology, endocrinology, pathology, oncology, radiation oncology, and neurosurgery.
