1. Record Nr. UNINA9910828769103321 Autore Pantalone Kevin M. Titolo MRI atlas of pituitary pathology / / Kevin M. Pantalone [and three others] London, England;; San Diego, California:,: Academic Press,, 2015 Pubbl/distr/stampa ©2015 **ISBN** 0-12-802661-8 Descrizione fisica 1 online resource (61 p.) Disciplina 616.47 Soggetti Pituitary gland - Diseases 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. Front Cover; MRI Atlas of Pituitary Pathology; Copyright Page; Contents; Nota di contenuto Atlas of Pituitary Imaging; Introduction; Normal Pituitary Gland Anatomy; MRI Interpretation; Normal Pituitary Gland and Sella Anatomy on MRI: Pituitary Adenoma: Pituitary Microadenoma: Pituitary Macroadenoma: Pituitary Macroadenoma: Pituitary Macroadenoma with Stalk Deviation; Pituitary Macroadenoma with Mild Superior Displacement on the Optic Chiasm; Large Invasive Pituitary Macroadenoma; Patient with a Giant Invasive Prolactinoma; Pituitary Adenoma with Cavernous Sinus Invasion; Cystic Pituitary Macroadenoma Atypical/Ectopic AdenomasAtypical Adenoma; Ectopic Adenoma; Cystic Lesions; Rathke Cleft Cyst; Arachnoid Cyst; Dermoid/Epidermoid Cysts; Dermoid Cyst; Epidermoid Cyst; Pituicytoma; Chordoma; Empty Sella; Partial Empty Sella: Germinoma: Craniopharyngioma: Meningioma: Pituitary Hyperplasia; Anatomic Variations; Pituitary Stalk Transection; Vascular Lesions (Aneurysm); Infiltrative Disorders; Lymphocytic Hypophysitis; Langerhans Cell Histiocytosis; Neurosarcoidosis; Wegener's Granulomatosis; Hemochromatosis; Metastases; Primary Pituitary Lymphoma; Pituitary Infection/Abscess Postoperative Pituitary Imaging Visible Fat Pad; Sellar Remodeling Post-Pituitary Surgery; Apoplexy; Hemorrhage; Infarction (Non-

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MRI Atlas of Pituitary Imaging focuses on magnetic resonance imaging

Sommario/riassunto

(MRI), the imaging modality of choice for the evaluation of pituitary disorders, since it provides a detailed anatomy of the pituitary gland and surrounding structures, particularly the soft tissues. A basic understanding and interpretation of MRI is important for many clinicians outside of the field of radiology, especially endocrinologists who may receive limited formal training in such areas. This concise Atlas includes a brief review of the principles of magnetic resonance imaging and then reinforces these principles