

**Features:**

- Applies pattern analysis techniques to distinguish similar-looking diagnostic considerations.
- Shows how diagnostic ambiguities are resolved by comparing and contrasting different entities.
- Includes numerous new differential diagnoses.
- Provides new and extensively revised content on pediatric neuroradiology, including more complex cases such as symmetric diffusion abnormality in an infant, cortical malformations, and complex spinal dysraphism.
- Helps you avoid diagnostic pitfalls by recognizing significant variations in the clinical presentation of different diseases.
- An eBook version is included with purchase. The eBook allows you to access all of the text, figures and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud.

**Περιεχόμενα:**

## Part 1: Brain and Coverings

Case 1 Computed Tomography Hyperdense Lesions

Case 2 T1 Hyperintense Lesions

Case 3 Multiple Susceptibility Artifact Lesions

Case 4 Lobar Hemorrhage

Case 5 Multifocal White Matter Lesions

Case 6 Multiple Small DWI Hyperintense Foci

Case 7 Cortical Restricted Diffusion

Case 8 Ring-Enhancing Lesions

Case 9 Punctate and Curvilinear Enhancing Foci

Case 10 Leptomeningeal Enhancement

Case 11 Dural Enhancement

Case 12 Lesions Containing Fat

Case 13 Extraaxial Lesions

Case 14 Bilateral Central Gray Matter Abnormality

Case 15 Temporal Lobe Lesions

Case 16 Temporal Lobe Cystic Lesions

Case 17 Multicystic Lesions

Case 18 Cerebellopontine Angle Cisterns

Case 19 Lateral Ventricular Lesions

Case 20 Third Ventricular Lesions

Case 21 Fourth Ventricular Lesions

Case 22 Suprasellar Cystic Lesions

Case 23 Pineal Region

Case 24 Cranial Nerve Lesions

Case 25 Lytic Skull Lesions  
Case 26 Skull Fracture Versus Sutures  
Case 27 Clivus Lesions  
Case 28 Hyperdense Cerebellum  
Case 29 Low Lying Cerebellar Tonsils  
Case 30 T2-Hyperintense Pontine Abnormalities  
Case 31 Cerebral Cortical Neurodegeneration  
Case 32 Cerebral Subcortical Neurodegeneration  
Case 33 Epidermoid Versus Arachnoid Cyst  
Case 34 Cyst With A Mural Nodule  
Case 35 Ecthordosis Physaliphora Versus Chordoma

#### Part 2: Spine

Case 36 Atlantooccipital And Atlantoaxial Separation  
Case 37 Basilar Invagination And Platybasia  
Case 38 Focal Cord Deformity  
Case 39 Spinal Cord Infarction  
Case 40 Spinal Cord Metabolic/Demyelinating Processes  
Case 41 Enhancing Intramedullary Spinal Cord Lesions  
Case 42 Enhancing Intramedullary Conus Lesions  
Case 43 Hemorrhagic Intramedullary Lesion  
Case 44 Solitary Enhancing Intradural, Extramedullary Lesions  
Case 45 Multiple Enhancing Intradural, Extramedullary Lesions  
Case 46 Cystic Intradural Extramedullary Lesions  
Case 47 Nerve Root Enlargement  
Case 48 Extramedullary Abnormal Vessels  
Case 49 Epidural Rim Enhancing Lesion  
Case 50 Vertebral Anomalies  
Case 51 Single Aggressive Vertebral Body Lesion  
Case 52 Posterior Element Lesions  
Case 53 Multiple Lytic Bone Lesions  
Case 54 Sacral Masses  
Case 55 Disk Infection Versus Inflammatory/Degenerative Changes  
Case 56 Vertebral Compression Fractures

#### Part 3: Head and Neck

Case 57 Periauricular Cystic Lesions  
Case 58 Cystic Lateral Neck Masses  
Case 59 Infrahyoid Neck Cystic Lesions  
Case 60 Prestyloid Parapharyngeal Space  
Case 61 Post Styloid Parapharyngeal Space  
Case 62 Floor Of Mouth  
Case 63 Thyroglossal Duct Abnormalities  
Case 64 Primary Hyperparathyroidism

Case 65 Anterior Skull Base Masses  
Case 66 Petrous Apex  
Case 67 External Auditory Canal  
Case 68 Middle Ear  
Case 69 Incomplete Partition Types 1, 2, and 3  
Case 70 Lucent Temporal Bone Lesions  
Case 71 Lesions Of The Facial Nerve  
Case 72 Labyrinthine Enhancement  
Case 73 Lytic/Cystic Mandibular Lesions  
Case 74 Temporomandibular Joint Mineralized Lesions  
Case 75 Jugular Foramen Lesions  
Case 76 Optic Nerve Mass  
Case 77 Cavernous Sinus Mass  
Case 78 Dilated Superior Ophthalmic Vein/Asymmetric Cavernous Sinus Enhancement  
Case 79 Adult Globe Lesions  
Case 80 Orbital Masses  
Case 81 Lacrimal Gland  
Case 82 Extraocular Muscle Enlargement  
Case 83 Nasal Cavity Lesions  
Case 84 Solitary Parotid Mass  
Case 85 Bilateral Parotid Masses  
Case 86 Retropharyngeal Space  
Case 87 Cranial Nerve Denervation

#### Part 4: Pediatric Neuroradiology

Case 88 Intraventricular Posterior Fossa Tumors  
Case 89 Pediatric Cerebellar Tumors  
Case 90 Pediatric Extraaxial Posterior Fossa Tumors  
Case 91 Midline Posterior Fossa Extraaxial Cystic Lesions  
Case 92 Pediatric Supratentorial Intraaxial Malignancies  
Case 93 Occipital Cephalocele  
Case 94 Non-cystic Posterior Fossa Malformations  
Case 95 Holoprosencephaly  
Case 96 Corpus Callosum Abnormalities  
Case 97 Symmetric Diffusion Abnormality in an Infant  
Case 98 Congenital Abnormal Ventricular Morphology  
Case 99 Periventricular Nodularity  
Case 100 Congenital Fluid-Filled Cranial Vault  
Case 101 Asymmetric Cerebral Hemispheres  
Case 102 Cortical Malformations  
Case 103 Hippocampal and Perihippocampal Lesions  
Case 104 Leukodystrophies  
Case 105 Congenital Infections  
Case 106 Congenital Arterial Anastomosis

Case 107 Spinal Dysraphism

Case 108 Complex Spinal Dysraphism

Case 109 Pediatric T2 Hyperintense Spinal Cord Lesion

Case 110 Odontoid: Acute Versus Chronic

Case 111 Pediatric Nasofrontal Mass

Case 112 Pediatric Globe Lesions