Multidetector CT in Neuroimaging: An Atlas and Practical Guide

This is the first atlas to be dedicated exclusively to MDCT imaging of the central nervous system. It is organized by anatomical region, with checklists indicating when MDCT is the modality of choice and includes protocols for performing the investigations described.

Multi-detector CT continues to find new applications in an ever-increasing range of specialties, and this new volume provides a superbly illustrated introduction to the uses of MDCT in examining the central nervous system. Beginning with an overview of the capabilities of the technique the authors then review each of the principal anatomical regions in turn, detailing appropriate protocols for obtaining satisfactory images, and illustrating normal anatomy and normal variants before presenting a comprehensive selection of common pathological findings, with notes on how these images may be recorded to best advantage.

Special sections are dedicated to CT angiography, particularly in the assessment of stroke, trauma and other emergencies, and to skull base imaging, now an indispensable tool for planning complex surgical approaches.