Here's a comprehensive, up-to-date reference covering the latest techniques used in neuroimaging as well as the basic structural imaging that facilitates diagnosis of various neurodegenerative disorders. All advanced imaging modalities, including MR spectroscopy, DTI, MRI, and PET scans, are discussed in detail, enabling readers to gain a solid understanding of how to use them to diagnose neurodegenerative diseases.

Key features:
- Each chapter covers the clinical features, pathology, and imaging of a specific disease/disorder
- Sections on cerebellar degeneration and dysfunction, motor neuron disorders, post-traumatic cognitive disorders, dementia with extrapyramidal syndromes, and deep brain stimulation
- A final section discusses the distinctions between preventable, potentially reversible, and irreversible dementia

The book provides radiologists and all who care for patients suffering from neurodegenerative diseases with an invaluable reference that will be part of their medical library for many years to come.