

Learning Objectives

MedBridge

Overview of Neurodegenerative Dementias

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Course Objectives:

- Define basic concepts and terminology for neurodegenerative dementias
- Describe typical clinical assessment for dementia diagnosis
- Review basic brain anatomy and function
- Illustrate normal and abnormal findings on structural (MRI) and functional (PET) brain scans
- Present case studies of neurodegenerative dementia subtypes, including key diagnostic findings, clinical course, and underlying neuropathology
- Discuss the importance of recognizing different dementia subtypes and implications for therapeutic management

Chapter 1: Diagnosis of Dementia

What is dementia? The first chapter of this course describes dementia and the pathologic progression of neurodegenerative dementia including key terminology and components of the clinical diagnosis of dementia.

Chapter 2: Neuroanatomy and Neuroimaging

This chapter provides the participant with important context on brain anatomy and function, including views of normal and abnormal brain scans.

Chapter 3: Case Presentations

What does the progression of neurodegenerative dementia look like in clinical practice? This chapter applies the principles outlined in the first two chapters via four detailed case examples.

Chapter 4: Summary & Considerations for Continuing Care

So why bother? This chapter summarizes and concludes the course by providing key considerations and rationales for continuing care in patients experiencing neurodegenerative dementia.