

UCLA Review of Clinical Neurology – A Virtual Course

Register Online and Review Course Syllabus

www.cme.ucla.edu/courses/neuro2023



Course Description

The UCLA Review of Clinical Neurology Virtual CME Course is designed to provide a comprehensive and practical review of core neurological disorders. It is intended for neurologists who wish to strengthen their competency and proficiency in evaluating, diagnosing, and managing a broad range of neurological disorders.

The course is organized to provide attendees with a review of clinical neurology based on major disease topics. Each neurological core topic will be organized to summarize the clinical spectrum of the disorders, pathophysiology, etiology, diagnostic techniques, and management options. Each lecture will discuss recent advancements made in the last year and their relevance to COVID-19.

Course Highlights

Upon completion of this activity, participants will be able to effectively use this educational symposium to enhance their clinical knowledge of key neurologic disorders, expand their horizons on recent discoveries about disease pathology, appreciate new diagnostic tools and think critically about management options.

The Course is intended to provide attendees with:

- Comprehensive, evidence-based review of common neurologic disorders.
- Presentation of common and important neurologic conditions, emphasizing practical aspects of clinical care and highlighting recent discoveries in disease mechanisms, pathophysiology, diagnostic tools, and recently approved treatment options.
- Presentation of three new things, focusing on recent advances in the clinical domain.
- Effective, evidence-based treatment options based on recent publications of the *American Academy of Neurology Clinical Practice Guidelines*.
- Video demonstration of unique clinical manifestations, epilepsy mimics and sleep phenomenon.
- Discussion of “hot topics” such as neurologic aspects of COVID-19, disclosure of Neurogenetic test results, and key innovations in representative disease states.

Course Learning Objectives

At the conclusion of this course, participants should be able to:

- Utilize most current evidenced-based practices to improve confidence in diagnosing and managing major disease states in neurology, including multiple sclerosis, headaches, epilepsy, central nervous system infections including COVID-19 infection, movement disorders, neurodegenerative disorders, sleep disorders, neuromuscular diseases, neuro-otology, stroke management, neuro-ophthalmology, ethical principles of disclosure of neurodegenerative conditions in neurology.
- Discuss neurologic disease utilizing a case-based approach across the age groups from pediatrics to older age.
- Explore the utility of neurologic testing, including cerebrospinal fluid analysis, neuropsychiatric testing, neuroimaging, and neurophysiological assessments, including polysomnography, electroencephalography, electromyography, and nerve conduction velocity testing.
- Discuss the underlying neuropathology of key neurological conditions and appraise the utility of disease-modifying treatments in representative conditions, including Alzheimer’s disease and multiple sclerosis.
- Identify appropriate the most current appropriate and innovative therapeutic strategies for common neurologic disorders and complaints.
- Apply the principles of ethics to the disclosure of conditions and testing that might predict the risk of future development of neurodegenerative conditions.

Target Audience

This course is designed for neurologists in private, health groups, or academic practice, as well as neurology, psychiatry, and neurosurgery trainees (residents, fellows). The course will be particularly helpful for allied healthcare providers in neuroscience specialties (psychologists, physician assistants, nurses, and nurse practitioners, speech pathologists, and physical and occupational therapists).