# Lange Clinical Neurology and Neuroanatomy: A Localization-Based Approach

*Aaron Berkowitz*
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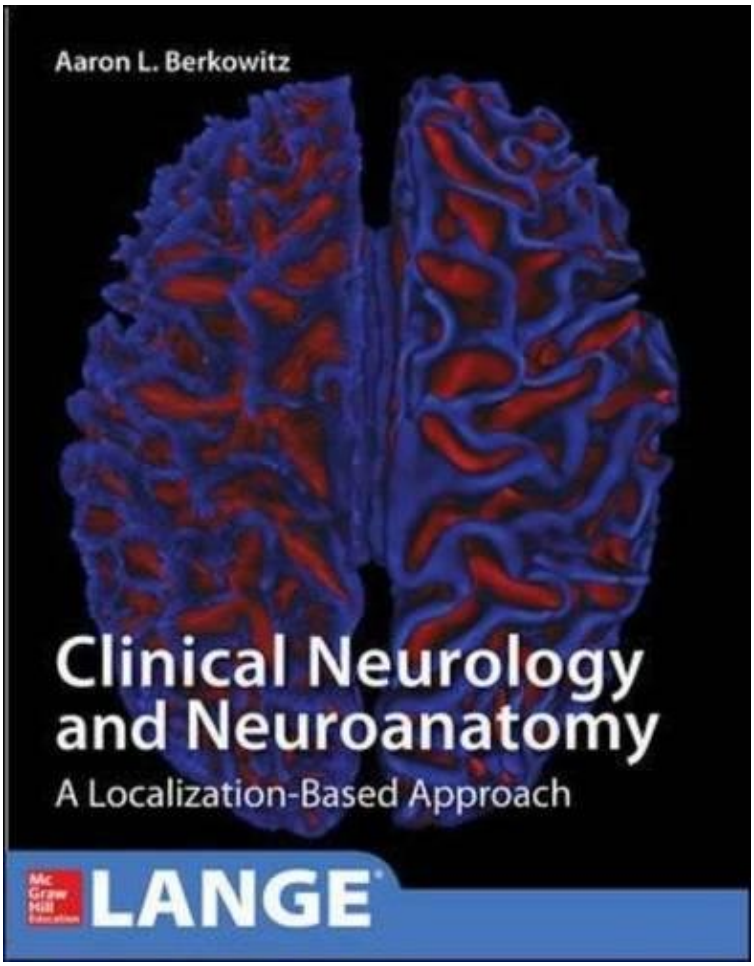




#49273 in Books imusti 2016-12-23Original language:English 10.80 x .70 x 8.40l, .0 #File Name: 1259834409336 pagesMcGraw-Hill Education Medical | File size: 27.Mb

**Aaron Berkowitz : Lange Clinical Neurology and Neuroanatomy: A Localization-Based Approach** before purchasing it in order to gage whether or not it would be worth my time, and all praised Lange Clinical Neurology and Neuroanatomy: A Localization-Based Approach:

0 of 0 people found the following review helpful. The Ultimate Neuro Resident Guide is here.By Substantia nigraLet me quote from Dr Berkowitz's book, a beautiful paragraph on the explanation of how OKN strip works:"The saccadic (frontal) and smooth pursuit (parietal) systems can be tested by evaluating the optokinetic reflex.[...] in order for the patient to continue following [the OKN strip], the patient must make saccades in the direction opposite the direction of movement of the strip [...] when moving the OKN strip from left to right, the eyes follow smoothly to the right with interrupting saccades back to the left. The pursuit in the direction that the OKN strip is moving/drum is turning is supported by the parietal lobe ipsilateral to the direction that the strip is moving[...] saccades in the opposite direction

from the direction of motion of the OKN strip (left in this example) are supported by the frontal lobe ipsilateral to the direction of movement of the OKN strip." Few textbooks have managed to capture the essence of neurophysiology and combined it with correlative neuroanatomy and bedside neurology like this.Approach to the clinical anatomy of eye movements and evaluation of vertigo are not only top notch, but also well Illustrated and includes detailed description of bedside tests like the HiNTS which have gathered great evidence base by now. The introduction to Neuroimaging is complete with a wonderful discussion on MRI basics which is targeted at beginners of any residency. As an educator, Dr Berkowitz knows all the topics that neuro residents are frequently quizzed on the wards, and on the in-training exams and boards. Chapters on approach to foot drop, plexopathy (look up the mention on radiation plexopathy, a RITE favorite), and great tables on epilepsy syndromes etc are testimony to this. Illustrations are derived largely from Aminoff and Adam and Victor's which adds to the accessibility of the book. I am assuming that Dr Berkowitz, in the coming editions, will bring out a collection of clinical signs and neuroexam demos in a multimedia format to complement this already awesome production. I highly recommend this textbook to all neuro-enthusiasts, students, residents and even attendings who want to brush up on areas they weren't fortunate enough to have had a good grasp on during residency.0 of 0 people found the following review helpful. One of the best resources for all levels of Neurology trainingBy Carlos A. PerezOne of the best resources for all levels of Neurology training. Have recommended this to a few fellow residents and we have all found it extremely useful! Definitely recommend!0 of 0 people found the following review helpful. Five StarsBy bulent kahyaogluSuperb.

An engagingly written text that bridges the gap between neuroanatomy and clinical neurologyOne of the best modern outlooks on the pragmatic practice of neurology ... far superior to existing books of its size and scope because of the thoughtfulness with which the knowledge about diseases and neurological conditions has been assembled ... addressing almost every major point that is encountered on the wards and in the clinic.From the Foreword by Allan H. Ropper, MD, Executive Vice Chair of Neurology, Brigham and Women's Hospital; and Professor of Neurology, Harvard Medical SchoolClinical Neurology and Neuroanatomy delivers a clear, logical discussion of the complex relationship between neuroanatomical structure and function and neurologic disease. Written in a clear, concise style, this unique text offers a concise overview of fundamental neuroanatomy and the clinical localization principles necessary to diagnose and treat patients with neurologic diseases. Unlike other neurology textbooks that either focus on neuroanatomy or clinical neurology, Clinical Neurology and Neuroanatomy integrates the two in manner which simulates the way neurologists learn, teach, and think. Clinical Neurology and Neuroanatomy is divided into two main sections. In Part 1, clinically relevant neuroanatomy is presented in clinical context in order to provide a framework for neurologic localization and differential diagnosis. The diseases mentioned in localization-based discussions of differential diagnosis in Part 1 are then discussed in clinical detail with respect to their diagnosis and management in Part 2. Part 1 can therefore be consulted for a neuroanatomical localization-based approach to symptom evaluation, and Part 2 for the clinical features, diagnosis, and management of neurologic diseases. FEATURES A clear, concise approach to explaining the complex relationship between neuroanatomical structure and function and neurologic disease Numerous full-color illustrations and high resolution MRI and CT scans Explanatory tables outline the clinical features, characteristics, and differential diagnosis of neurologic diseases and disorders REVIEWS"The high point of this book is the author's ability to explain concepts logically and practically, using clear language that gets straight to the point, something that is often missing in other texts. This is exemplified in the author's approach to explaining clinically relevant brainstem and cranial nerve anatomy in chapters 9 through 14." Emer R. McGrath, MB, PhD, review in Neurology 2017;88;e182"The fact that [this book] was written by a single author is not only impressive, but also lends excellent consistency to the text, with emphasis on clinical pearls and the avoidance of minutiae. For example, the stroke chapter describes the role of the ABCD2 score, contains discussion of the difficult issue of when anticoagulation might occasionally be used in the acute setting, and describes the uncommon but important phenomenon of amyloid spells." Justin A. Sattin, MD, review in "The Ghost of Charcot" blog (www.ghostofcharcot.net) AUTHORAaron Berkowitz, MD, PhD - Department of Neurology, Brigham and Womens Hospital; Assistant Professor, Harvard Medical School.

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