# [PDF] Neuroscience: Fundamentals For Rehabilitation, 4e

## Laurie Lundy-Ekman PhD PT - pdf download free book



#### Books Details:

Released:

Title: Neuroscience: Fundamentals fo Author: Laurie Lundy-Ekman PhD PT

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### **Description:**

This practical guide connects the theory of neuroscience with real-world clinical application by utilizing first person accounts of neurological disorders and in-depth case studies. It also provides clear descriptions of a complete range of neurological disorders. Special features such as "at-a-glance" summaries, pathology boxes, and hundreds of full-color illustrations, enhance the learning

experience and make it easy to master the fundamentals of neuroscience rehabilitation.

- Systems approach to neuroscience helps you develop a fuller understanding of concepts in the beginning of the text and apply them to new clinical disorders later in the text.
- 2. Five sections: Cellular Level, Development, Systems, Regions, and Support Systems show how neural cells operate first, and then help you apply that knowledge while developing an understanding of systems neuroscience.
- 3. UNIQUE! An emphasis on neuroscience issues critical for practice of physical rehabilitation such as abnormal muscle tone, chronic pain, and control of movement.
- 4. Evidence-based content has been updated to reflect the most recent research.
- 5. Patient experience boxes at the beginning of each chapter give insight from actual patients and the patients' experiences with disorders discussed in the text.
- 6. Clinical notes case studies include bulleted information relevant to the clinician.
- NEW! Chapter on pain will help students understand the physiological origins of pain and how it can be treated.
- NEW! Color standardization in anatomy images will familiarize you with structures and their functions across systems.

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