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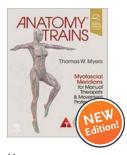
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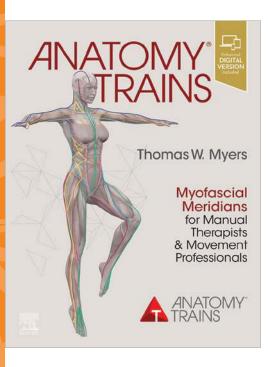
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A fresh approach to the study of human musculoskeletal structure and function

- NEW! Updated photos and images of fascial tissues, adhesions, and layers visually reinforce key content.
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- Relevant theory descriptions are applied to all common types of movement, posture analysis, and physical treatment modalities.
- Intuitive content organization helps students quickly reference concepts to gain a more detailed understanding of any given area according to need.

Included with the text...

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- Videos
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NEW EDITION!

Help your students learn the principles of musculoskeletal assessment

- **NEW! Updated information in all chapters** includes new special tests, as well as photos, line drawings, boxes, tables, and references.
- NEW! Head and Face chapter features updated information on concussion management.
- **NEW! Video clips demonstrate even more special tests** giving students a clearer understanding of how to perform musculoskeletal assessment.
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- **NEW! Additional case studies** use real-life scenarios to help students develop assessment and diagnostic skills using information from the chapter.

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Associate Editor: ROLANDO T. LAZARO

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The only pathology text written specifically for physical therapy programs

- **NEW! Completely reconfigured introductory chapters** recognize how much physical consequences of trauma, social isolation, and psychiatric disorders affect recovery from pathology, and how integration of self-regulation into intervention is key to the future of practice.
- NEW! Expanded content on the role of epigenetics in optimizing exercise-based interventions (a concept referred to as "precision physical therapy") addresses its increasing importance in physical rehabilitation management as it relates to pathology, individual diseases, risk factors, and patient responses to physical therapy interventions.
- NEW! Coverage of the latest discoveries and findings in the science of quantum physics, mind-body connection, and consciousness-based energy medicine.

Included with the text...

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- Image collection
- PowerPoint[®] slides
- Test bank

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- References
- Additional boxes and tables

NEW EDITION!

Give your physical therapy students a strong foundation in neurologic rehabilitation

- UPDATED! Best evidence for interventions; clear, concise tables; graphics and pictures; and current literature engage students in the spectrum of neurologic conditions and interventions.
- **NEW!** *Autism Spectrum Disorder* chapter covers clinical features, diagnosis, and intervention, with a special focus on using play and aquatics, to support the integral role of physical therapy in working with children and families with autism.
- Common threads throughout the *Children* section focus on motor competence as a driving force in a child's cognitive and language development and highlight how meaningful, fun activities with family and friends encourage children with disabilities to participate.

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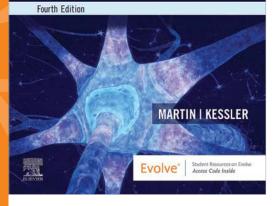
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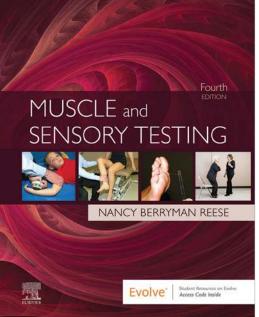
- Interactive case studies
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- Study guide questions

NEUROLOGIC INTERVENTIONS

for PHYSICAL THERAPY



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NEW EDITION!

Help your students master the art of manual muscle and sensory testing

- NEW! Techniques of Functional Muscle Testing chapter includes completely revised content to give students a strong foundation in testing techniques.
- · UPDATED! Expanded clinical notes and case vignettes challenge students to apply their knowledge to real-world situations and think creatively about clinical problems.
- Photographs and illustrations demonstrate various techniques to help students better understand positioning, stabilization, and common substitutions.
- · UPDATED! Consistent chapter layout by joint and muscle system allows students to easily locate important information.

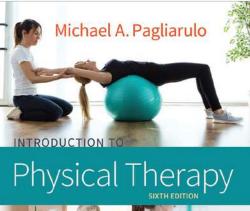
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Everything students need to begin their physical therapy education

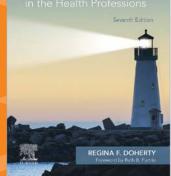
- NEW! Chapter on prevention, health promotion, and wellness in physical therapist practice reflects the growing importance of these concepts in the physical therapy profession and to student learning.
- · NEW! Revised content and updated references throughout the text ensure coverage is the most current and applicable for today's PT and PTA students.
- · Overview of the profession, combined with clinical information, guides students through everything they need to know to begin their physical therapy education.
- Chapter on communication and cultural competence describes how cultural differences influence patient interaction and helps the PTA and PT understand behavior due to cultural differences.

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ETHICAL DIMENSIONS

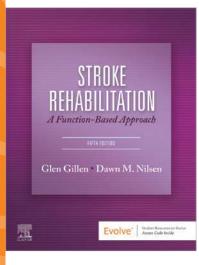


NEW EDITION!

Teach students how to understand and resolve ethical problems

- NEW! Updated content reflects the changes in the growing interprofessional movement.
- NEW! Expanded content on clinician well-being includes tools for supporting moral resilience and preventing burnout in health professionals.
- **NEW! Updated information** addresses the topics of social justice, health disparities, intersectionality, and health outcomes.
- **NEW! Updated national standards** and regulations are provided for electronic health communications, data protections, and clinical research.

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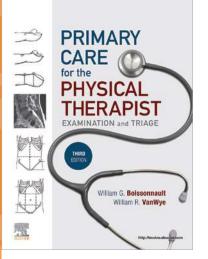


NEW EDITION!

A multidisciplinary approach to stroke rehabilitation

- **NEW! Revised and expanded content** keeps students up to date on the latest information in all areas of stroke rehabilitation.
- NEW! Assessment Appendix and Pharmacological Appendix.
- A survivor's perspective is included in one chapter to give students a better understanding of the stroke rehabilitation process from the client's point of view.
- **Multidisciplinary approach** highlights discipline-specific distinctions in stroke rehabilitation among occupational and physical therapists, physicians, and speech-language pathologists.

October 2020 • ISBN: 978-0-323-63994-1 Also available as an ebook



NEW EDITION!

Prepare students for the expanding role of physical therapists in primary care

- **NEW! Chapter on electrophysiological testing** helps familiarize students with indications for electrodiagnostic testing and implications of test results to clinical decision-making.
- **NEW! Chapter on patients with a history of trauma** emphasizes the red flags that physical therapists need to recognize for timely patient referral for appropriate tests.
- UPDATED! Current information on how to screen and examine the healthy population enhances understanding of the foundations of practice and the role that physical therapists can fill in primary care models.

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ACUTE CARE

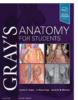


Paz, West, Panasci & Greenwood Acute Care Handbook for Physical Therapists, 5th Edition 2020

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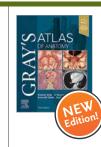
Hansen



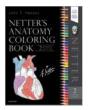
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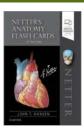
Drake, Vogl & Mitchell



Drake, Vogl, Mitchell, Tibbitts & Richardson Gray's Atlas of Anatomy, 3rd Edition — With Student Consult Online Access 2021 ISBN: 978-0-323-63639-1



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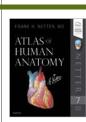
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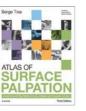
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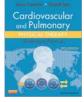
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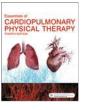
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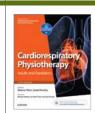


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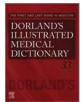
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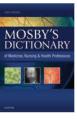
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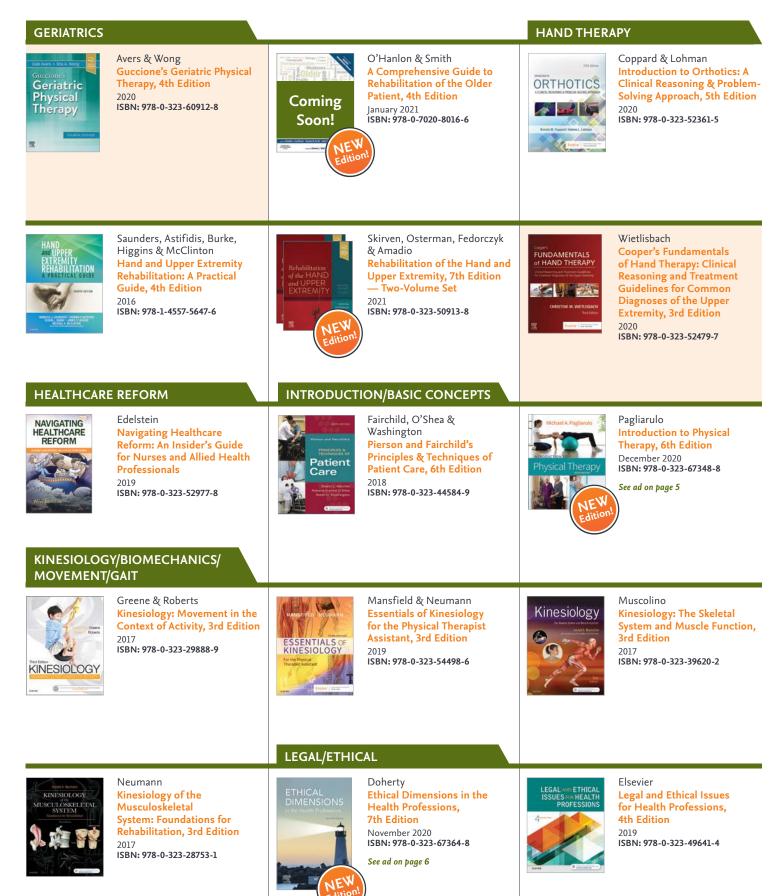
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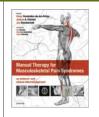
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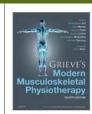
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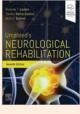
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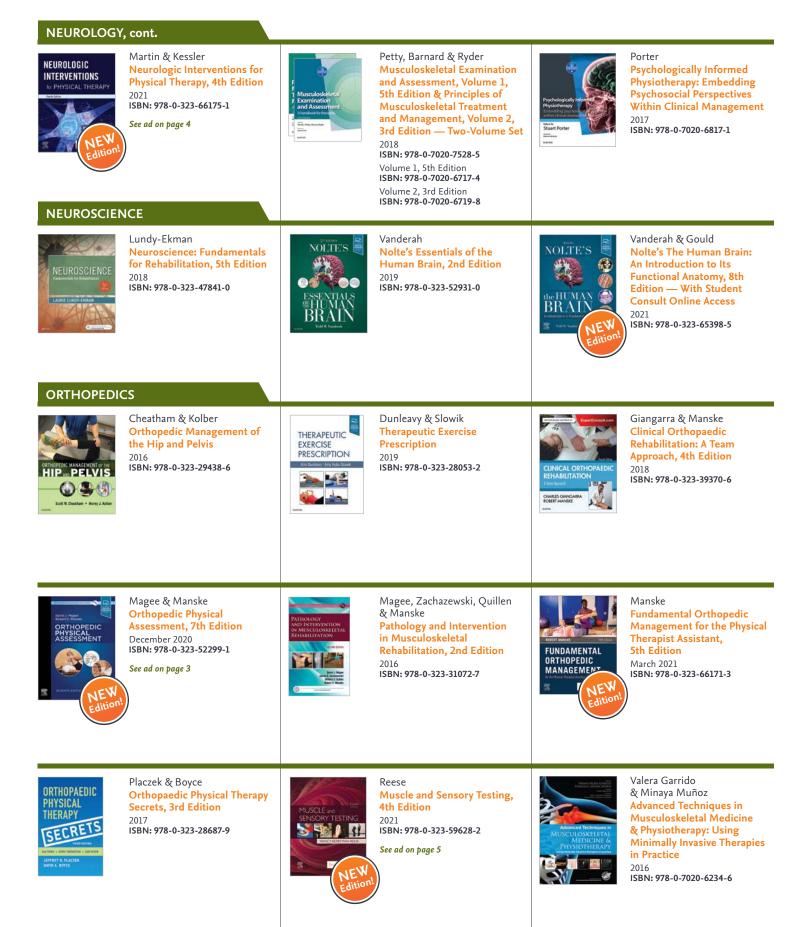
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