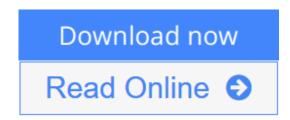


# Therapeutic Exercise in Developmental Disabilities

By Barbara H. Connolly EdD PT, Patricia Montgomery PhD PT



**Therapeutic Exercise in Developmental Disabilities** By Barbara H. Connolly EdD PT, Patricia Montgomery PhD PT

Therapeutic Exercise in Developmental Disabilities has been expanded and updated to include everything a student or professional needs to know when working with children with developmental disabilities. Utilizing a problemsolving approach, this comprehensive *Third Edition* enhances critical thinking and evaluation skills.

Barbara Connolly and Patricia Montgomery present case studies of five children with frequently encountered impairments and functional limitations. The case studies illustrate the application of current motor development, motor control, and motor learning theories as well as the development of evaluation and intervention strategies.

Incorporated within *Therapeutic Exercise in Developmental Disabilities*, *Third Edition* is the *Guide to Physical Therapist Practice*. The disablement model, as used in the *Guide*, assists therapists in identifying functional limitations and creating their own intervention strategies.

Updated chapter topics include review traditional and contemporary theories of neural control, test and measures used in pediatrics, organizational models for intervention, and, assistive devices. Unique to the *Third Edition* are chapters for research in the era of evidence based practice and aging issues for individuals with developmental disabilities. Over 175 figures are used to create a visual representation of the topics addressed.

With informative figures, excellent case studies, and a problem-solving approach, *Therapeutic Exercise in Developmental Disabilities, Third Edition* is the perfect resource for both students and practicing clinicians.

#### **Topics Include:**

- Sensory processing
- Head and trunk control
- Postural control

- Respiratory / oral-motor functioning
- Ambulation skills
- Hand function

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#### **Editorial Review**

Review

"This is a very comprehensive textbook which will be of value to students working in this area and for practitioners and clinicians."

— SENMagazine

"It is not a reference of exercises, but rather a synopsis of the entire clinical practice of pediatric physical therapy. While most introductory books allot one chapter to a complete description of a specific diagnosis, this text dedicates an entire chapter to a specific target area...the book is an excellent resource for all pediatric physical therapists with beginning to intermediate experience and experienced therapists new to pediatrics. It is by far one of the best integrated texts of pediatric physical therapy I have read."

— Laura Dobrich, MPT, Advance for Physical Therapist & PT Assistants

"This text, which previously was primarily used as supplemental reading for physical therapist students, is now what I would consider a strong standalone text. The use of case studies is a very compelling aspect of this edition of the book, one that should be very helpful for students. I would recommend all pediatric physical therapists add this book to their libraries and would expect that faculty would find this text useful for students in their educational programs."

- Sheila Leeds, Pediatric Physical Therapy

About the Author

Barbara H. Connolly, EdD, PT, FAPTA, received her BS degree in Physical Therapy from the University of Florida. She received a master's degree in Special Education with a minor in Speech Language Pathology, and a doctoral degree in Curriculum and Instruction from the University of Memphis. She is Professor and Chairman of the Department of Physical Therapy at the University of Tennessee Health Science Center. She also holds an adjunct academic appointment in the Graduate School of the University of Indianapolis and has served on the Board of Directors for the University of St. Augustine. She has served on the APTA Board of Directors, the APTA Pediatric Specialty Council, and the American Board of Physical Therapy Specialists. She is currently President of the Section on Pediatrics of the APTA. She also is past president of the Academic Administrators Special Interest Group for the Section on Education. She received the Golden Pen Award from the APTA as well as the Bud DeHaven Leadership Award, the Research Award, and the Jeanne Fischer Distinguished Mentorship Award from the Section on Pediatrics. She is the primary author of 17 publications in peer-reviewed journals, has written 18 book chapters, and has coauthored or edited seven textbooks for physical therapists. She has presented over 100 invited lectureships at the national and international level. She continues to remain active in providing professional development courses across the United States and is active in clinical practice through the UT faculty practice.

Patricia C. Montgomery, PhD, PT, FAPTA, received her BS degree in Physical Therapy from the

University of Oklahoma, Norman, and her MA in Educational Psychology and PhD in Child Psychology from the University of Minnesota, Minneapolis. Dr. Montgomery has a private practice in pediatrics in the Minneapolis-St. Paul area and also provides continuing education courses for physical therapy clinicians. Dr. Montgomery has taught in physical therapy programs at several academic institutions and currently is an associate professor at the University of Tennessee Health Science Center. She has served on the APTA Board of Directors and as President of the Minnesota Chapter, APTA. Dr. Montgomery received the Pediatric Section, APTA Research Award; the Minnesota Chapter, APTA Outstanding Service Award; the APTA Dorothy Briggs Memorial Scientific Inquiry Award; and the APTA Lucy Blair Service Award. She also gave the inaugural Luise Lynch Lecture at the University of Oklahoma and the Third Annual John H. P. Maley Lecture at APTA Annual Conference. Dr. Montgomery is the first author of 16 publications in peer-reviewed journals and has coauthored several textbooks for physical therapists. She recently coauthored, with Barbara H. Connolly, PhD, PT, FAPTA, the text *Clinical Applications for Motor Control* (SLACK Incorporated, 2003). She also serves on the editorial board of *Pediatric Physical Therapy*.

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