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Clinical Implications of Pharmacology for Therapists

Working with Older Adults

This course is approved for 20 Contact Hours for PTs and PTAs in NC. GREAT Seminars is a Continuing Competence Approved Provider by the North Carolina Physical Therapy Association. This course is also approved by the Tennessee Physical Therapy Association for 2.0 CEUs (20 contact hours). See inside for other state approvals.



Featuring
Kenneth L. Miller
PT, DPT, GCS, CEEAA

2017

Murray, UT

(Salt Lake City, UT Area)

March 25-26

Raleigh, NC

April 29-30

Fremont, CA

(San Jose, CA Area)

August 5-6

Des Moines, IA

October 7-8



Course Description

Have you ever wanted to be better prepared to deal with the effects of medications on your patients?

Medications have both positive and negative effects on a patient's ability to function. Therapists need to be able to effectively evaluate and treat patients whether their medications are assisting or interfering with the patient's ADL's and IADL's. The purpose of this seminar is to provide participants with the information required to incorporate pharmacology and medication management into practice with the older adult. The seminar format includes interactive lecture; small group discussion; incorporating video and case scenarios to demonstrate medication assessment, management and education. Participants will translate pharmacology knowledge into practice to effectively assess and treat patients while maintaining patient safety. Participants will learn techniques to help monitor patients for intended effects, untoward effects, and side effects in order to assist physicians and nurses with safe medication use, medication adherence and reduce hospitalizations related to adverse drug events. Evidence-based resources and tools will be provided to participants to improve safe medication use. The course manual is comprehensive including both print and electronic resources for uses immediately in practice. The participant will take home quick examination tools to identify pharmacology issues in minutes.

About The Speaker

Kenneth L Miller, PT, DPT, GCS, CEEAA has been a physical therapist and educator for over 20 years. Dr. Miller is a board certified geriatric clinical specialist and credentialed clinical instructor through the APTA. He is an adjunct professor in the post professional DPT program at Touro College in Bay Shore, New York and has presented numerous educational sessions at the Combined Sections Meeting of the APTA, NEXT Conference of the APTA and the Annual Conference of the National Association for Home Care and Hospice. He serves as Chair of the Practice Committee of the Home Health Section (HHS) of the American Physical Therapy Association (APTA). As the Chair, he has led the development of the Providing Physical Therapy in the Home handbook 3rd edition, home health student program road map and tool kit and the home health section's objective test toolbox. He maintains clinical practice with older adults with a focus on reducing harm and/or potential harm related to medications. He is a member of the Editorial Boards of the Topics in Geriatric Rehabilitation and serves as a manuscript reviewer for the Journal of Geriatric Physical Therapy.

Objectives

Upon completion of this seminar, participants will be able to:

- Explain the federal regulations pertaining medications and scope of practice.
- Define pharmacodynamics, pharmacokinetics, polypharmacy, medication errors, and adverse drug events.
- Evaluate older adults experiencing polypharmacy.
- Explain how to use the Beers List to identify potentially inappropriate drug use in the older population.
- List the commonly prescribed medications (prescription and OTC), their indications and side effects.
- Explain medication adherence and how it relates to adverse drug events and health outcomes.
- Identify adverse drug reactions, side effects, and intended effects of the medications older adults take.
- List the steps involved in performing medication reconciliation.
- Explain medication effects on physical functioning, pain, endurance, strength, balance and falls risk.

Feedback From Past Course Participants

"Very informative, the speaker was very good with explaining details and making pharmacology easy to understand. Good handouts and videos."

"Great Presenter. Very upbeat and knowledgeable, thank you for making me feel more confident with medication reviews."

"This was an excellent and useful course."

"I thought the course material built up in a logical way that was not overwhelming. Very well organized; the handout was very readable."

"Presenter is a great motivational speaker with examples from his current practice and experience."

Locations

The complete address and location of your course will be provided in a confirmation letter that will be emailed to you at least 3 weeks before the course.

The Orthopedic Specialty Hospital
Murray, UT

March 25-26, 2017

WakeMed Raleigh Campus
Andrews Conference Center
Raleigh, NC

April 29-30, 2017

Washington West
(Across from Washington Hospital)

Fremont, CA
(17 miles North of San Jose, off I-880)

August 5-6, 2017

Host: Mercy Medical Center
Rehabilitation Department

Location: Mercy Medical
Center West Campus -
Healthy Living Center
Des Moines, IA

October 7-8, 2017

Program Outline

Day 1

- 7:30AM Registration and Continental Breakfast
- 8:00AM Pre-Test and Introduction – Background, Medical Errors, IOM “To Err is Human Report”, APTA Position Statement, Regulations, PT role in Medication Safety, Medication and Physical Function, Taking a History, Pharmacology Basics (Definitions), Group Activity.
- 10:00AM Break
- 10:15AM Pharmacokinetics, Pharmacodynamics, Drug Use in Older Adults, Common Adverse Drug Reactions (GI symptoms, Falls/Dizziness), STEADI Program, Sedation, Confusion, Depression, Fatigue and Weakness, Drug Classes – Pain Medications (Opiates, NSAIDS, Tylenol, Corticosteroids).
- 12:30PM Working Lunch (Bring your own)
- 1:30PM Drug Classes (Psychotropics, Depression, Anxiety), Cardiac Medications, Hyperlipidemia Medications, Pulmonary Medications, Anticoagulant Medications.
- 3:30PM Screening tools for cognition, activity intolerance/ endurance, weakness, endurance, pain and deep venous thrombosis.
- 4:30PM Break
- 4:45PM Medication Review, Case Scenarios.
- 6:00PM Questions and Answers
- 6:30PM Adjourn

Day Two

- 7:30AM Continental Breakfast
- 8:00AM Appropriate use of Medications in the geriatric population – Use of the Updated BEERS Criteria (2015)
- 9:00AM Drug Classes – Diabetic Medications, Osteoporosis Medications.
- 10:00AM Break
- 10:15AM Drug Classes - Parkinson’s Medications, Other Medications (Metabolic, Cancer, Anemia, Antiviral/ Antibiotic, Neurological, Ortho), Alcohol, Medication Errors, Medication Review, Drug-Drug Interactions, Postural Hypotension, Drug-Food Interactions, Co-Prescriptions, Causation vs Correlation
- 12:30PM Working Lunch (Bring your own)
- 1:30PM Dietary Supplements, Safe Medication Use, Medication Knowledge, Evaluating the older adult, Multiple Medical Problems, Case Scenario.
- 3:30PM Break
- 3:45PM Cognitive Impairment, Delirium, Depression, Medication Adherence.
- 5:00PM Teach Back and Teach Guide Review
- 6:00PM Questions and Answers
- 6:30PM Adjourn

Great Books



QTY TOTAL

The Functional Toolbox: Clinical Measures of Functional Outcomes . . . \$89		
<small>Lewis, 290 pages. A compilation of 50 outcome tools to assist clinicians in numerous settings, including orthopedic, psychosocial, geriatric, and sports medicine. Each tool includes in its itinerary mode of administration, population, validity, reliability, and scoring information.</small>		
The Functional Toolbox II \$89		
<small>Lewis, 250 pages. Supplements Volume I, 50 new tools for orthopedics, stroke, Alzheimers, osteoporosis, lumbar spine, and arthritis. Functional Toolbox I and II special: \$159.00</small>		
Geriatric Clinical Strategies \$89		
<small>Lewis, 450 pages. Thirteen years of practical and clinical articles covering orthopedics, neurology, cardiology, pain, pharmacology, documentation, marketing, legal, reimbursement, frailty, and managed care. Excellent book to study for the specialty exam.</small>		
Age-Defying Fitness \$20		
<small>Lewis/Moffat NEW! Dr. Lewis' newest book. Achieve optimum fitness at any age. An interactive book on the 5 domains of illness for the lay public.</small>		
Documenting Quality Care UPDATED \$39		
<small>Lewis. A compendium of scales commonly used in rehabilitation with specific grading systems regarding proper use. Each tool is explained and compiled within a 2-page, easy to use chart.</small>		
Health Promotion and Exercise for Older Adults \$48		
<small>Lewis. Everything a therapist needs to set up group or individualized programs. Over 30 different types of programs are given from posture to stroke.</small>		
Improving Mobility in Older Persons UPDATED \$48		
<small>Lewis. The perfect handbook for therapists in most facilities. This book has evaluation and treatment ideas for patients who need bed mobility to gait. All tools and treatments are evidence based.</small>		
Prevention and Wellness Toolkit \$69		
<small>Lewis/Ledbetter NEW! This kit is three books in one: The Prevention and Wellness Toolkit, Balance Assessment and Treatment and a detailed manual on how to develop and conduct a prevention and wellness screening and follow up classes.</small>		
Orthopedic Outcomes Toolbox \$69		
<small>Lewis/Wilke/Wright. A collection of 24 outcome tools that can be used in outpatient settings, home care, rehabilitation centers, long-term care, or acute care facilities. Most are paper and pencil tests that will save the practitioner hours of evaluation time. Each tool includes information on population, administration, validity, reliability, and scoring.</small>		
Hand-Held Dynamometry \$25		
<small>Lewis. Dynamometry norms, references, testing positions for all referenced motions and equipment suggestions. Compact, Easy to Use with clear human illustrations</small>		
1 Repetition Maximum Progression Pad \$12		
<small>This valuable tool has 1 RM values at 50% and 80% already figured out for you and provides a form for tracking exercises and progression</small>		
Slide Algometer \$6		
<small>An easy-to-use, reliable and valid measurement tool for assessing pain.</small>		
Pocket Card 1 Repetition Maximum \$6		
<small>This valuable tool has 1RM values at 50% and 80% already figured out for you</small>		
Pocket Card Bed Mobility \$6		
<small>This valuable tool has time norms, breakdown of movement pattern in degrees for the different stages of supine to sit and a quantitative assessment of bed rise difficulty.</small>		
Pocket Card Sit to Stand Transfer \$6		
<small>This valuable tool has the break down of the sit to stand movement pattern in degrees at each joint for 10%, 35%, 40%, 60%, & 100% of rise</small>		
Osteoporosis Exercise Booklet \$6		
Self Balance Hints for Older Persons Booklet \$6		
Pilates for Seniors DVD <small>The Osteoporosis Workout, Instructor Sherri Betz</small> . . \$20		

Prices include shipping via USPS (media mail) and handling within the continental U.S. Sub-Total _____

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2017 Registration - Clinical Implications of Pharmacology for Therapists Working with Older Adults

YES! Please register me for: Murray, UT - March 25-26 Raleigh, NC - April 29-30 Fremont, CA - August 5-6 Des Moines, IA - October 7-8
PT • PTA • OT • COTA • Other _____

Name _____ Work Telephone (_____) _____ Home Telephone (_____) _____

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Registration

AUDIENCE: Primary Audience - Physical Therapists, Physical Therapist Assistants, Occupational Therapists, Occupational Therapist Assistants. Secondary Audience: Other Rehabilitation Professionals.

LEVEL: This course is at an intermediate level.

FEE: The registration fee includes all course sessions, breaks, continental breakfasts, and course handout.

Murray, UT - \$495. If postmarked before 3/1/17
Raleigh, NC - \$495. If postmarked before 4/5/17
Fremont, CA - \$495. If postmarked before 7/12/17
Des Moines, IA - \$495. If postmarked before 9/13/17

LATE REGISTRATION: Postmarked after the above date requires an additional **\$25 late fee.**

EARLY BIRD: \$470 - If completed registration and payment are **received** by:

Murray, UT - January, 11, 2017
Raleigh, NC - March 1, 2017
Fremont, CA - June 7, 2017
Des Moines, IA - August 9, 2017

DISCOUNT PROGRAM: Receive \$25 off your class registration for each **GREAT Seminars & Books, Inc. on-site course** attended from 2000 to the present up to a maximum of \$200. In order to receive a discount, a copy of each course certificate must accompany registration form. No discounts will be taken once registration is completed.

CONFIRMATION: A confirmation letter will be sent via email at least 3 weeks prior to the course with local hotels and information. If you do not receive confirmation 2 weeks prior to class, please call to verify your registration. Registrations are not guaranteed until confirmed. Space may be limited, so register early.

CANCELLATION/REFUND POLICY: Cancellations must be received in **writing** at least two weeks prior to the seminar date for tuition refund less a \$75 administration fee. **NO** refunds will be made after this date.

COURSE CANCELLATION: GREAT Seminars and Books, Inc. reserves the right to cancel a course up to 2 weeks prior to the seminar date. In the event of cancellation of a course only the tuition fee will be refunded in full. GREAT Seminars and Books, Inc. is not responsible for reimbursement of non-refundable airline tickets, lodging, or other related costs.

EDUCATIONAL CREDIT: A certificate of attendance for 20 contact hours of educational activity (**20 CEUs or 2.0 CEUs depending on how your Practice Act determines CEUs in your state**) will be awarded to registrants upon completion of the seminar. **Approved in TN for 20 Clinical Contact Hours. Great Seminars and Books is an Approved CE Provider for PTs and PTAs in DC, NY, KY, IL, TX and NC. Approved in TN and UT for 20 Continuing Education Units. Have applied for approval in WY, ID and NV. Our courses also meet the guidelines for approval in SC, AL, VA, IN, AZ, DE, GA, NH, OR, RI, UT, VT and MO. Courses are accepted for CEU's in NE, ID, MT, WA, CT, IA, and ND. If you do not see your state listed, please give our office a call. All of our courses have Board of Certification Approval (NATA) and AOTA approval. Your tuition is tax deductible.** All expenses of Continuing Education (including registration fees, travel, meals, and lodging) taken to maintain or improve professional skills are tax deductible according to Treasury Regulation 1.162-5 Coughlin vs. Commissioner, 203 F2d 307.

LOST CERTIFICATES: Requests for a replacement certificate must be received in writing stating the name and dates of course attended. The cost for a replacement certificate is \$25.

5 Easy Ways to Register

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*AOTA does not endorse specific course content, products, or clinical procedures. * A certificate of attendance for 20 contact hours or 2 CEUs of educational activity (2.0 or 20 CEUs depending on how your Practice Act determines CEUs in your state) will be awarded to registrant upon completion of the seminar.