

REGISTRATION

\$245 Group rate (3 or more) must be mailed/faxed together \$225. Deadline for registration is two weeks prior to course. Cancellation will be accepted until that deadline, minus an administration fee of \$75. **NO REFUNDS AFTER DEADLINE.**

Please make check payable and return to:

Education Resources, Inc.

266 Main St., Suite 12 • Medfield, MA 02052
(508) 359-6533 or 800-487-6530 (outside MA)
FAX (508) 359-2959 • www.educationresourcesinc.com

Limited enrollment

REGISTRATION FORM

Pharmacology/Nash

NAME _____

ADDRESS _____

CITY/STATE/ZIP _____

PHONE (H) _____ PHONE (W) _____

CELL _____

Needed in the event of an emergency scheduling change

EMAIL _____

Please clearly print your email address for course confirmation

EMPLOYER _____

DISCIPLINE _____ SPECIALTY _____

HOW DID YOU HEAR ABOUT THIS COURSE _____

ERI Rewards. I am registering for my 4th course since September 2002 and applying \$100 credit to the tuition. May not be combined with any other credit. Must be applied at time of registration. Subject to availability.

Please indicate course location:

Feb/NJ Mar/TX

May/MO Oct/VA Nov/FL

I hereby authorize you to charge my: VISA MC DISCOVER

Exp. Date _____ Signature _____

CVV2 code _____ (last 3 digits on back of card).

Cardholder's name & billing address with zip code if different from above.

I have read your refund policy above and understand.

Education Resources reserves the right to cancel any course due to insufficient registration or extenuating circumstances. Please do not make non-refundable travel arrangements until you have called us and received confirmation that the course will be held. We are not responsible for any expenses incurred by participants if the course must be cancelled.

LOCATION & ACCOMMODATIONS

Please visit our website for suggested hotels

February 1, 2013, New Jersey

Englewood Hospital
350 Engle Street, Englewood, NJ

March 15, 2013 - Texas

Medical Center of Arlington
3301 Matlock Rd., Arlington, TX

May 18, 2013 - Missouri

Liberty Hospital
130S Steward Rd., Liberty, MO

October 11, 2013 - Virginia

The Virginian
9229 Arlington Blvd, Fairfax, VA

November 16, 2013 - Florida

West Florida Hospital
8383 North Davis Highway, Pensacola, FL

TESTIMONIALS

"This is one of the most informative and interesting courses I have been to in years. Dr. Nash was fantastic, I would recommend this course to any discipline in need of a good pharmacology review" -

Stephen Maciejewski, PT

"Dr. Nash is very engaging and forthcoming with a wealth of current and relevant information. I feel that I can apply a lot of new knowledge to my acute care practice as well as applications in cardiac and pulmonary Rehab programs" -

Rebecca, PT

"Wow What a Day! Great info, thorough presentation. Mark Nash is a wealth of knowledge...." - Jen Russell, OT

"One, if not, the best conference I have been to in 33 years. Rename this course "Practical Pharmacology for the Treating Therapist". Every therapist who works clinically should attend this course. Thank you "

- Cindy Bertrand, OT

PHARMACOLOGY

Fundamentals

for Therapists



Mark S. Nash Ph.D., FACSM

February 1, 2013 - Englewood, NJ

March 15, 2013 - Arlington, TX

May 18, 2013 - Liberty, MO

October 11, 2013 - Fairfax, VA

November 16, 2013 - Pensacola, FL

sponsored by



Education Resources, Inc.

Relevant Continuing Education for Therapists by Therapists

www.educationresourcesinc.com

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COURSE DESCRIPTION

Patients undergoing therapy routinely take both prescription drugs and OTC medicines that ultimately influence treatment outcomes. Therapists with knowledge of these medicines practice safer, more effective therapy. The course will examine Rx and non-Rx medicine used in the therapy setting and will cover side effects that influence treatment and outcomes. Information will focus on drug actions and patient errors when treating pain, as well as common disorders of the musculoskeletal, neurologic, cardiorespiratory, and endocrine systems. Common OTC drugs and herbals are examined for occult hazards and drug interactions. Electronic resources for free drug-related information will be demonstrated.

COURSE OBJECTIVES

Upon completion of this course, the participant will:

1. Describe basic factors that control drug uptake, bioavailability, and metabolism.
2. List benefits, limitations, and adverse effects of drug families used to treat inflammation and pain.
3. Classify drug families and drugs used to treat disorders and diseases of the musculoskeletal, neurological, cardiorespiratory, and endocrine systems.
4. Describe how drug choices and administration influence therapy outcomes, including common errors in drug administration committed by patients.
5. Define potential harms and drug interactions for over-the-counter medications and herbals.

YOUR INPUT IS VALUED

We want to know what your specific issues and concerns are. Write us a note, email us or call when you register and we will relate your input to our faculty. Every effort will be made to address those issues that will help you meet your professional goals.

SUGGESTED AUDIENCE

This course will target clinicians working with adults across the lifespan with pain, and conditions of the musculoskeletal, neurologic, cardiorespiratory and endocrine systems that require medication use.

SCHEDULE DAY ONE

7:30-8:00	Registration and Continental Breakfast
8:00-8:45	General Principles of Pharmacology
8:45-10:00	Drug Treatment of Pain and Inflammation General Principles in Pain and Inflammation Management Nociceptive Pain vs. Neuropathic Pain
10:00-10:15	Break
10:15-11:30	Drug Treatment of Musculoskeletal Disorders Osteoarthritis: Rx, OTC, and Neutraceuticals Rheumatoid Arthritis Heterotopic Ossification and Myositis Ossificans Hypertonia and Spasm Drug Interacts -side effects that influence therapy outcomes
11:30-12:00	Drug Treatment of Respiratory Disorders Asthmatic Bronchitis and COPD Sinusitis and Rhinitis
12:00-1:00	Lunch (on your own)
1:00-2:00	Drug Treatment of Cardiovascular Disorders Hypertension Angina - MI Heart Failure Clotting Disorders
2:00-3:00	Drug Treatment of Nervous System Depression Anxiety Parkinsonism
3:00-3:15	Break
3:15-4:00	Drug Treatment of Endocrine Disorders Diabetes (Type I and Type II) Osteoporosis
4:00-4:15	Over-the-counter Medications and Herbals
4:15-4:30	Free Internet and Smartphone Resources

FACULTY

Mark S. Nash, Ph.D., FACS is a dynamic instructor who is highly regarded for his ability to take complex information and make it meaningful and clinically relevant. His pharmacology courses have earned widespread kudos for ease of understanding and relevance to therapy practice. He is a tenured Professor of Neurological Surgery and Rehabilitation Medicine at the Miller School of Medicine, University of Miami, Principal Investigator for The Miami Project to Cure Paralysis, and Director of Research in Rehabilitation Medicine. He holds graduate degrees in Human Biology, Applied Physiology, and Clinical Anatomy, and was a Doctoral Fellow focusing on rehabilitation of ischemic heart disease. Dr. Nash has taught doctoral coursework in **Pharmacology** in two distinguished Physical Therapy Programs, and has presented more than 100 continuing education programs nationwide. He has published more than 100 manuscripts, scholarly monographs, and book chapters on topics in rehabilitation physiology.

CREDITS

This course meets the criteria for 7 contact hours (0.7 CEU's). Application has been made to the New Jersey Board of Physical Therapy Examiners, the Pennsylvania State Board of Physical Therapy, the Missouri Physical Therapy Association (Intermediate Level), the Maryland Board of Physical Therapy Examiners, and the Washington DC Board of Physical Therapy.

Approved by the DE Board of PT, by virtue of other boards approval.

Texas Physical Therapy Association accredited provider for CCU's

Approved by the New York State Board of Physical Therapy for 8 contact hours.

Application has been made to the Florida Physical Therapy Association for 8 continuing education hours. Approved provider by the Florida Board of Occupational Therapy - CE Broker for 8 hours.

Approved by NATABOC for Type I CEU's in VA



Approved provider of continuing education by the American Occupational Therapy Association #3043, for 7 contact hours - Intermediate Level Occupational Therapy Process: evaluation, intervention. The assignment of AOTA CEU's does not imply endorsement of specific course content, products or clinical procedures by AOTA NBCOT professional development provider-8.75 PDU's.