

Nurse Training Program: Pharmacology, Telemedicine & Developmental Disabilities

- ✓ Earn FREE Contact Hours
- ✓ Gain Specialized Knowledge about Pharmacology, Telemedicine, and Developmental Disabilities
- ✓ Continue Your Professional Development

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Nurse Training Program: Pharmacology, Telemedicine & Developmental Disabilities

Program Objective

Sponsored by the Rehabilitation Research and Training Institute (RRTI), the goal of this free training program is to support the professional development of nurses by providing training in pharmacology, telemedicine, and developmental disabilities (DD). The program is a credentialed contact hour program that offers eleven free sessions. Classes are offered free across New York State. Funding is provided by the Health Resources and Services Administration (HRSA) of the United States Department of Health and Human Services.

Audience

The RRTI *Nurse Training Program: Pharmacology, Telemedicine, and Developmental Disabilities* consists of a series of training sessions designed for LPNs, RNs, Nurse Practitioners, Nurse Managers, and other nurses who work with individuals with developmental disabilities in healthcare settings such as community rehabilitation agencies, residential programs, long-term care facilities, hospitals, adult day habilitation centers, adult homes, mental health clinics, and rural health care clinics.

Registration

Nurses may register for **one** or **more courses**. There is no fee required. To register online for the Training Program:

www.rrti.org

If you do not have access to online capabilities, or for cancellations and further information, please contact Katelyn Connally, HRSA Program Assistant at (518) 449-2976, ext. 101 or katelyn@nyrehab.org

From Our Participants



“Another excellent speaker.
So great to have a presentation from someone
who knows the world of developmental disabilities.”

“Excellent speakers! Not only knowledgeable in the pharmacy
realm, but extremely knowledgeable about the MR/DD
population and the services we provide.”

“Clear, concise and very informative. Thank you!”

This continuing nursing education activity was approved by the New York State Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation.

Participants have until June 30, 2012 to receive contact hours.

This activity HAS NO financial commercial support. This activity HAS NO "services in-kind" commercial support.

Nurse Training Program: Pharmacology, Telemedicine & Developmental Disabilities

Training Program at a Glance

Session Name	Date	Locations and Times	Instructors
Session 1: Part 1: Practical Considerations Related to Pharmacology and Developmental Disabilities	Thursday, October 13th, 2011	Videoconference locations across NYS 9:00 - 12:00	Eileen Trigoboff, RN, APRN/PMH-BC, DNS, DABFN
Part 2: Transfer of Knowledge	Available August 2011	Online Video Module www.rrti.org	RRTI
Session 2: Pharmacology Update and Developmental Disabilities	Thursday, November 17th, 2011	Videoconference locations across NYS 9:00 - 12:00	Sara Dugan, PharmD, BCPP
Session 3: Categories of Medications and Developmental Disabilities	Thursday, December 1st, 2011	Videoconference locations across NYS 9:00 - 12:00	Eileen Trigoboff, RN, APRN/PMH-BC, DNS, DABFN
Session 4: Pharmacology, Mental Health and Developmental Disabilities	Thursday, January 12th, 2012	Videoconference locations across NYS 9:00 - 12:00	Phil McCallion, ACSW, PhD Lisa Ferretti, LMSW
Session 5: Using Telemedicine	Thursday, February 9th, 2012	Videoconference locations across NYS 9:00 - 12:00	Al Di Rienzo, President and CEO, Blue Highway LLC
Session 6: Pharmacology, Pediatrics, and Developmental Disabilities	Thursday, March 15th, 2012	Videoconference locations across NYS 9:00 - 12:00	Brian J Cowles, PharmD
Session 7: Case Studies in Pharmacology and Developmental Disabilities	Thursday, April 19th, 2012	Videoconference locations across NYS 9:00 - 12:00	Steven Fogelman, MD Kathleen Keating, RN, MSN, CNP, CNS/DD
Session 8: New Trends in Pharmacology and Developmental Disabilities	Thursday, May 10th, 2012	Videoconference locations across NYS 9:00 - 12:00	Kathleen Keating, RN, MSN, CNP, CNS/DD
Session 9: Diabetes and Developmental Disabilities	Tuesday, January 24th, 2012 Wednesday, March 28th, 2012	Videoconference locations across NYS 9:00 - 3:00	Cindy Elsenbeck, RN, CDE
Session 10: High Tech, High Touch: Technology and Nursing	Available August 2011	Online Video Module www.rrti.org	RRTI
Session 11: Nurses Communicating with Caregivers	Available October 2011	Online Video Module www.rrti.org	RRTI

Session Descriptions

Session 1

Practical Considerations Related to Pharmacology and Developmental Disabilities

Instructor: Eileen Trigoboff, RN, APRN/PMH-BC, DNS, DABFN

Date: October 13th, 2011 **Time:** 9:00am - 12:00pm Videoconference (multiple NYS sites)

Session #1 has two parts. Nurses must complete both parts to receive NYSNA contact hours. This session will cover practical information related to intake and assessment; communication with consumers, patients, and caregivers; explanations for behavior changes; and pharmacology options.

At the conclusion of the videoconference, participants must complete a video module on-line at their own facilities. The 30-minute video on Transfer of Knowledge, demonstrates realistic strategies for sharing information from the Nurse Training Program with co-workers and supervisors. Nurses will have until May 31, 2012 to complete the video module. (3.5 contact hours)

NOTE: NYSNA contact hours will not be granted unless both parts have been completed.

Objectives:

- Define developmental disabilities and typical medications
- Describe assessment strategies and tools, possible reasons for behavior changes to consider in assessment, and strategies
- List prescription options and describe strategies for administering and monitoring medications
- Describe organizational benefits and practical strategies related to transfer of knowledge
- Identify organizational sources of "stickiness" and strategies for overcoming barriers



Session 2

Pharmacology Update and Developmental Disabilities

Instructor: Sara Dugan, Pharm.D., BCPP

Date: November 17th, 2011 **Time:** 9:00am - 12:00pm Videoconference (multiple NYS sites)

This session will review the pharmacokinetic parameters of absorption, distribution, metabolism, and elimination as they apply to individuals with Developmental Disabilities. Drug interactions and agents that are classified as inducers or inhibitors will be highlighted. Information about psychoactive medications and drug interactions will also be included. Case studies will be used to link the information to nurse practice. (3 contact hours)

Objectives:

- Describe pharmacokinetic and pharmacodynamic principles
- List conditions that alter absorption, distribution, and elimination and their potential impact on treatment
- List conditions that alter metabolism
- Describe potential drug interactions and monitoring parameters for potential adverse drug events
- Identify components of a comprehensive care plan

Session 3

Categories of Medications and Developmental Disabilities

Instructor: Eileen Trigoboff, RN, APRN/PMH-BC, DNS, DABFN

Date: December 1st, 2011 **Time:** 9:00am - 12:00pm Videoconference (multiple NYS sites)

This session will focus on categories of pharmacology that significantly impact people with DD. Topics will include medication interactions, side effects and common reactions, seizure/epilepsy management, bone health, and diabetic management. Emphasis will be on nurse strategies for assessment, including dual diagnosis (DD and mental health). Case studies will be used to link the information to nurse practice. (3 contact hours)

Objectives:

- Describe categories of pharmacology and impact on people with DD, medication interactions, side effects, and common reactions from people with DD, strategies for management of epilepsy/seizures, bone health, and diabetes in people with DD
- Describe co-morbid conditions and dual diagnosis in people with DD and related to polypharmacology
- Identify strategies for applying and transferring knowledge at home facility

Session 4

Pharmacology, Mental Health, and Developmental Disabilities

Instructors: Philip McCallion, ACSW, PhD & Lisa Ferretti, LMSW

Date: January 12th, 2012 **Time:** 9:00am - 12:00pm Videoconference (multiple NYS sites)

This session will focus on categories of pharmacology that are related to mental health. Topics will include dual/multiple diagnoses, drug-induced mental disorders, sleep medications, behavior and mood disorders with co-morbid physical disorders, and new technologies in assessment and treatment (telehealth). Case studies on topics such as management of depression will be used to connect content to practice. (3 contact hours)

Objectives:

- Describe mental health concerns and diagnoses as related to developmental disabilities, manifestations of drug-related mental disorders and behavior changes that may be related to medications, current telemedicine options
- Identify dual/multiple diagnoses and co-morbid conditions in individuals with DD and related pharmacology
- List assessment approaches to determine type, dosage, and monitoring strategies of polypharmacology

Session 5

Using Telemedicine and Developmental Disabilities

Instructor: Al Di Rienzo, President and CEO, Blue Highway, LLC

Date: February 9th, 2012 **Time:** 9:00am - 12:00pm Videoconference (multiple NYS sites)

This session will focus on topics related to telemedicine and nursing. Topics will include remote patient monitoring, state-of-the-art telehealth, nursing informatics, and the future of telemedicine. Sample equipment and examples of how to use new technologies in the assessment and treatment of individuals with DD will be discussed. (3 contact hours)

Objectives:

- Describe nursing informatics, current systems and new innovations
- Describe the use of telehealth in clinical settings and telepsychiatry with individuals with developmental disabilities
- Describe the multiple uses of telemedicine and current uses of telemedicine by nurses with individuals with developmental disabilities statewide

Session 6

Pharmacology, Pediatrics, and Developmental Disabilities

Instructor: Brian J Cowles, Pharm.D.

Date: March 15th, 2012 **Time:** 9:00am - 12:00pm Videoconference (multiple NYS sites)

This session will focus on developmental pharmacology and age-related pharmacokinetics, including behavior-targeted medication therapy and clinical application of medication therapy in developmental and behavioral pediatric medicine. Common side effects with psychotropic medications and other common pediatric medications will also be discussed. Case studies will be used to connect content to practice. (3 contact hours)

Objectives:

- Describe developmental pharmacology and age-related pharmacokinetics and behavior-targeted pediatric medication therapy
- Describe common side effects with common pediatric medications and within pediatric psychotropic medications
- Describe a minimum of 5 "clinical pearls" in pediatric pharmacology

Session 7

Case Studies in Pharmacology and Developmental Disabilities

Instructors: Kathleen Keating, RN, MSN, CNP, CNS/DD & Steven Fogelman, MD

Date: April 19th, 2012 **Time:** 9:00am - 12:00pm Videoconference (multiple NYS sites)

This program for nurses will consist of a series of case studies that will be discussed by a panel of experts. Topics to be covered will include geriatrics; gender-related health issues; interaction of common medications; bone health; and end-of-life. Although the emphasis of the discussions will be on pharmacology, the panelists will include observations about social and mental health of individuals with DD, and the role of nurses and direct care staff in assessing and treating patients. Participants will have the opportunity to present questions to the panelists. (3 contact hours)

Objectives:

- Define geriatrics as related to DD and typical characteristics
- Describe gender-related medical concerns as related to DD
- Describe typical interactions of medications prescribed to individuals with DD
- Describe prevention, symptoms, and treatment for bone health and pharmacology related to end-of-life

Session 8

New Trends in Pharmacology and Developmental Disabilities

Instructor: Kathleen Keating, RN, MSN, CNP, CNS/DD

Date: May 10th, 2012

Time: 9:00am - 12:00pm Videoconference (multiple NYS sites)

New developments in pharmacology include not only new drugs, but new uses, new forms (e.g.: extended release formulations), new delivery systems (e.g., transdermal patches) for old drugs and new generic drugs. Persons with developmental disabilities are prescribed many more drugs than their non-disabled peers, so changes in pharmacology have the potential for the most benefit, but also the potential for the most complications. This course will look at new drugs/new forms of drugs commonly prescribed for persons with developmental disabilities, new theories related to the use of drugs to treat autism, what nurses need to know about generic drugs and what nurses need to teach direct care staff about the developments in pharmacology. (3 contact hours)

Objectives:

- Identify new drugs for persons with developmental disabilities
- Describe new theories of drug treatment for autism
- Describe management of generic preparations and training for direct care staff related to new developments in drugs

Session 9

Diabetes and Developmental Disabilities

Instructor: Cindy Elsenbeck, RN, CDE

Date: January 24th, 2012 & March 28th, 2012

Time: 9:00am - 3:00pm Videoconference (multiple NYS sites)

This course will cover diagnostic criteria for diabetes and pre-diabetes. It will also review clinical practice guidelines for care of people with diabetes, treatment goals and recommendations, medical nutrition therapy guidelines, and will discuss the current medication regimens. Completion of this course allows RN's working in NYS OPWDD certified sites to train Direct Support Professionals who work with people with developmental disabilities who have diabetes. (5.5 contact hours)

Objectives:

- Describe diagnostic criteria for pre-diabetes and diabetes
- Describe clinical practice guidelines for care of people with diabetes
- Describe potential complications of diabetes
- Describe medical nutrition therapy guidelines
- Describe current medical regimens for diabetes
- Describe insulin delivery methods and techniques

Online Video Modules

Session 10

High Tech, High Touch: Technology and Nursing

Available on: www.rrti.org

This session shows nurses that the use of technology in nursing can improve communication, accuracy, consistency of care, medication reconciliation, and quality of care, particularly in the areas of assessment and treatment of individuals with DD. Nurses will have until May 31, 2012 to complete the video module. (0.5 contact hours)

Objectives:

- Describe the current, multiple uses of technology in healthcare and the role of nursing informatics in current and future nursing practice
- Describe the benefits and drawbacks of technology in nursing practice
- Identify the strategies nurses can employ to update knowledge of technology professionally and within their facilities

Session 11

Nurses Communicating with Caregivers

Available on: www.rrti.org

DD nurses are responsible for communicating information to the people who care for individuals with DD. They may be providing education, instructions, guidance, resources, advocacy, or support. This video explores how DD nurses can communicate effectively with a number of different caregivers such as Direct Care staff, family members, providers, and health care specialists. Nurses will have until May 31, 2012 to complete the video module. (0.5 contact hours)

Objectives:

- Identify basic principles of effective communication with caregivers
- Describe the elements of basic listening skills
- Describe strategies for communicating with people who care for individuals with developmental disabilities
- Describe strategies for overcoming barriers to communication with caregivers

About the Instructors

Brian J Cowles, Pharm.D.

Pharmacotherapy residency Philadelphia College of Pharmacy; University of Rhode Island College of Pharmacy; child and adolescent neurodevelopmental clinical practice; Albany College of Pharmacy & Health Sciences, Colchester, Vermont

Albert J Di Rienzo

President and CEO, Blue Highway, LLC; Board Member of the Columbia University Center for Advanced Information Management Advisory Board; Johns Hopkins School of Medicine Alliance; and the National Biodefense Science Board; Technologist of the Year (2009) by the Technology Alliance of Central New York

Sara Dugan, Pharm.D., BCPP

Associate Professor, Northeastern Ohio Universities College of Medicine; Assistant Professor, Albany College of Pharmacy, board certification in psychiatric pharmacy; clinical consultant, Center for Disability Services and the Capital District Psychiatric Center, Albany, NY

Cindy Elsenbeck, RN, CDE

Registered Nurse and Certified Diabetes Educator; Clinical specialist for Roche Diagnostics Diabetes Care division; Provided diabetes education at Lexington Center (Fulton County ARC), Amsterdam Family Practice, and via teleconference for OPWDD

Steven Fogelman, MD

Psychiatrist for the Central New York Developmental Services area, Rome, NY; author of 14 psychiatric publications

Lisa Ferretti, LMSW

Director of Operations, Center for Excellence in Aging Services, School of Public Health, University at Albany; trainer and researcher, NYS Office of Children and Family Services and NYS Office for People with Developmental Disabilities

Kathleen Keating, RN, MSN, CNP, CNS/DD

Former Director of Nursing and Health Services, NYS Office for People with Developmental Disabilities; regular presenter at state and national conferences, including the MR/DD Nurses Association; 2011 DD Nurse of the Year

Phil McCallion, ACSW, PhD

Director, Center for Excellence in Aging Services, University at Albany; Professor UAlbany School of Social Welfare; Hartford Geriatric Social Work Faculty Scholar; numerous publications and awards and recognized expert on dementia

Eileen Trigoboff, RN, APRN/PMH-BC, DNS, DABFN

Clinical Nurse Specialist in psychiatric nursing, Buffalo Psychiatric Center; recipient of National Institutes of Mental Health Individual National Research Service Pre-Doctoral Research Fellowship in medication, teaching, and psychopharmacology; author of 13 nursing education texts; Nurse of Distinction award for outstanding nurse clinicians

Locations

Videoconferences

Participants can attend training sessions at the following videoconference sites provided by the New York State Office for People with Developmental Disabilities (OPWDD). Further details and registration information are provided online at www.rrti.org.

Binghamton
Cortland
Hauppauge
Kingston
Leicester
Manhattan
Middletown
Millersport
Newark, NY
Norwich
Parkside (Canandaigua)
Plattsburgh
Poughkeepsie



Queens
Rochester
Rome
Schenectady
Staten Island
Syracuse
Tarrytown
Thiells
Tupper Lake
Wassaic
West Seneca

Please Note:
Some sites are not available
for all videoconferences
see www.rrti.org



155 Washington Avenue - Suite 410
Albany, NY 12210



**Visit www.rrti.org for information
about the Nurse Training Program:
Geriatrics and Developmental Disabilities!**

Rehabilitation Research and Training Institute (RRTI) Mission

It is the mission of the New York State Rehabilitation Research and Training Institute (RRTI) to serve as a resource in the community and rehabilitation systems, promoting progressive and practical research support and training opportunities to providers of services to people with disabilities.