

Prevent Medication Errors: Responsibility and Safety

Thursday, June 17, 2010

Chester County Health Care Partnership
Chester County Economic Development Council
737 Constitution Drive, Exton, PA 19341

Registration: 7:30am • Time: 8:00am – 4:00pm

Lunch: 11:50pm - 1:00pm (on your own)

Target Audience: Nurses/Nurse Practitioners/Clinical Nurse Specialists

Seminar Topics

Adverse Effects of Medications

Toxicity

- Heparin
- Pemoline and Troglitazone
- Phenytoin
- Cerivastatin – Rhabdomyolysis
- Alosteron – ischemic colitis
- Cisaprid – cardiotoxicity
- Rofecoxib
- SSRI's

Allergic

- Penicillin
- Sulfa
- Antibiotics

Idiosyncratic

- Levodopa and Tasmart

Iatrogenic

- Succinylcholine

Carcinogenic

- Stilboestrol

Individual Variation in Medication Response

• Half-life

- Amiodorone

• Pharmacokinetic interactions

- Levothyroxine

- Digoxin

- Enteral feedings

• Pharmacodynamic interactions

- Albuterol

- Aspirin

• Cytachrome P450 Enzymes

Medication Safety

• Error vs. Harm

- When am I legally liable?

• Poorly developed prescription

• Transcription – 60%

• Delivery Systems – 10%

- Pyxix MedStation

- Omniceil Sur-Med

- McKesson's AcuDose-Rx

- USP

- FDA MedWatch reports

• Administration – 30%

• Causes of Drug Errors

- Sentinel events

- Errors in one setting – likely to repeat

- Role of drug names

- Role of drug packaging and labeling

- Dangerous abbreviations and dose

- designations

- Dispensing devices

• Nursing Students

• Preceptorships and Orientation

Preventing Medication Errors

• Building a culture of safety

• CQI

• Accountability for error prevention

• The legal system and drug errors

- How to protect yourself

• Facility policies and procedures

- Incident reports

- Adequate staff education

- Limitations on verbal orders

- High-Alert Drugs: Safeguarding against errors

- 2007 Joint Commission National Patient

- Safety Goals

- Dispensing errors

- Drug administration errors

- Drug delivery devices

• Cancer chemotherapy

• Pediatric and neonatal patients

• Immunologic drugs

Speaker

PATRICIA N. ALLEN, MSN, APRN, BC, currently works as a nurse practitioner in a midwest regional 250-bed hospital and is responsible for inpatient medical care for approximately 35 patients at a time. In this role, she performs admission physicals, orders medical tests, lab tests, prescribes medications and determines diagnoses and treatments. She has extensive experience in critical care and cardiovascular settings.

Patricia is also a Clinical Assistant Professor in the undergraduate Adult Health Department at Indiana University School of Nursing, teaching undergraduate students in medical surgical settings, critical care and cardiovascular settings. The focus of Patricia's faculty work has been in the arena of pharmacology, geriatrics and patient safety. She is also a legal nurse consultant and has worked on law suits and medical malpractice cases involving medication errors by healthcare professionals.

Patricia has reviewed pharmacology texts and co-designed/co-authored an online pharmacology course. She is an accomplished presenter at the local, regional and international levels, including the National Teaching Institute (American Association of Critical Care Nurses) and Kaplan, Inc. for NCLEX preparation. She also co-authored an article for the February, 2007, edition of *American Nurse Today Journal* titled *Protecting Yourself from Malpractice Claims*.

Learner Objectives

At the end of this class the participant should have a working knowledge of:

1. List the major drug-to-drug and drug-to-food interactions to help identify individual variations of drug therapies.
2. Examine the toxicities of different medication to improve a patient's response to medications and reduce the adverse effects of medications.
3. List the different methods health care professionals can use to reduce medication errors due to transcription mistakes.
4. Identify the most effective ways to decrease the individual health care professional's potential for medication errors in the work place.
5. Analyze the guidelines to determine when a health care provider could be held legally liable for medication errors.
6. Determine the health care provider's responsibility in administering drugs in various clinical situations.
7. Examine the legal system and the health care provider's role in reporting errors related to medication safety.
8. Improve the safety of medication administration in your individual health care practice.

Questions? contact:

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Tuition:

• \$75

Deadline to register:
Thursday, June 10, 2010



This educational activity is being provided by PESI HealthCare for Chester County Health Care Partnership.

Credit Information

Nurses/Nurse Practitioners/Clinical Nurse Specialists: PESI, LLC is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Nurses in full attendance will earn 6.3 contact hours. No partial contact hours will be issued for partial attendance.



The following individuals contributed to the planning of this educational event: Content Expertise: Patricia N. Allen, MSN, APRN, BC; Nurse Planner: Mary Meyers, RN, MSN

Cancellation policy: Full refund if canceled prior to 2 days before the event.



PREVENT MEDICATION ERRORS: RESPONSIBILITY AND SAFETY

Name _____

Organization _____

Address _____

E-mail _____

Work Ph () _____ Cell phone _____

Tuition: • \$75

Patti VanCleave

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Registration deadline: 6/10/2010



The Chester County Health Care Partnership is an initiative of the Chester County Workforce Investment Board and the Chester County Economic Development Council with grant funds received from the Pennsylvania Department of Labor and Industry.