



Cardiac Pharmacology

Course Description

This one-day pharmacology course is designed to introduce concepts of how drugs are developed and basic pharmacokinetics. The actions of various classifications of drugs including beta blockers, ACE inhibitors, statins and anti-coagulants will also be explored. The course is intended for nurses at the bedside, educators and advanced practice nurses.

Program Learning Outcomes

This program prepares the learner to:

- Understand the process for developing drugs.
- Understand basic pharmacokinetics.
- Identify important concepts of pharmacokinetics in the elderly.
- Discuss the use and action of beta blockers, ACE inhibitors (ACEI), angiotensin blockers (ARBs), statins and various anticoagulants.

Agenda

Sign-in begins at 7:30 am. The day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

8:00 am to 4:30 pm

- 0800 **Drug Development and Introduction to Pharmacokinetics**
Pre-Clinical, Phase I, II, III | Post-Marketing Surveillance, Orphan Drugs | Introduction to Basic Pharmacokinetics | Protein Binding and Metabolism, Drug Actions, CYP-450 System, P-Glycoprotein, Excretion and Creatinine Clearance
- 0915 **Break**
- 0930 **Drug Development and Introduction to Pharmacokinetics (cont.)**
Pharmacodynamics in the Elderly
- 1045 **Drug Actions**
Agonist, Antagonist and Dependence | Drug Receptors
- 1200 **Lunch**
- 1300 **Beta Blockers**
Indications, Actions, Dosing and Special Considerations
- 1415 **Break**
- 1430 **ACE Inhibitors and Calcium Channel Blockers**
Indications, Actions, Dosing and Special Considerations
- 1500 **Statins and Anticoagulants**
Indications, Actions, Dosing and Special Considerations
- 1630 **Adjourn**

Accreditation

RN/LPN/LVN/Other: 7 Contact Hours

MED-ED, Inc. is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation (**ANCC**).

MED-ED, Inc. is an approved provider by the following State Boards of Nursing: **Florida**/FBN 50-1286, **Iowa**/296, **California** #CEP10453.

If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

© 2017 MED-ED, Inc. All rights reserved.

