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 anticoagulants, 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 | Introduction to Pharmacokinetics in the Elderly
Pre-Clinical, Phases 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

0900 Basic Cardiac Function
Pathophysiology | Medications

0930 Break

0945 Beta Blockers
Indications, Actions, Dosing and Special Considerations

1030 ACEI | ARBs
Indications, Actions, Dosing and Special Considerations

1115 Calcium Channel Blockers
Indications, Actions, Dosing and Special Considerations

1200 Lunch

1300 Additional AHA Recommended Medications
Indications, Actions, Dosing and Special Considerations

1330 Statins | Anticoagulants | Platelet Inhibitors
Indications, Actions, Dosing and Special Considerations

1430 Break

(continued)
1445  **Pulmonary Hypertension**  
Pathophysiology | Disease Classification | Medication

1615  **Questions and Wrap-Up**

1630  **Adjourn**

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**Accreditation**

RN/LPN/LVN/Other: 7 Contact Hours

Includes 7 Pharmacology 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.

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