New York State Council of Health-system Pharmacists

# Cardiology Practice Based Program 22.5 contact hours





Live portion: Friday and Saturday November 1-2, 2013

**Location: LIU Pharmacy Campus** 

75 DeKalb Avenue Brooklyn NY 11201

Cardiology Practice Based Program: In order to receive your certificate of achievement, you must successfully complete both parts (part 1& part 2) of the program attaining a score of 70 or higher on the home study self-assessment and the final examination. The steps need to be completed in succession, as you will be unable to participate in the activity without first completing the home study program. Certificate of achievement will be mailed within 6 weeks of the program completion.

**Intended Audience: Pharmacists** 

# **Course Directors/ Faculty**

# Cynthia Sanoski, PharmD, BCPS, FCCP

Program Director, Cardiology Practice Based Program Chair and Associate Professor Jefferson School of Pharmacy Thomas Jefferson University Philadelphia, PA

# Debra B. Feinberg, BS, JD, FASHP

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# Jacqueline Klootwyk PharmD, BCPS

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### **Course Outline**

Part 1-Home Study Training -Knowledge Based

### 10 Credits or 1.0 CE Us UAN # 0134-0000-12-0041-HOI-P

Section I: Acute Coronary Syndromes

Differentiate different types of ACS.

Section II: Chronic Heart Failure

• Describe the pathophysiology, epidemiology and etiology of chronic heart failure.

Section III: Acute Decompensated Heart Failure

• Describe the pathophysiology, epidemiology and etiology of acute decompensated heart failure (ADHF) and identify the prognostic factors that can be used to stratify patient with ADHF by risk for unfavorable outcomes.

Section IV: Atrial Fibrillation

• Describe the pathophysiology, epidemiology, and etiology of atrial fibrillation (AF) and to discuss the various methods for stratifying a patient's risk for developing stroke in the presence of AF.

Section V: Dyslipidemia

• Differentiate the pharmacologic and pharmacokinetic properties of the various lipid lowering agents (i.e. HMG CoA reductase inhibitors "statins", fibric acid derivatives, nicotinic acid, ezitimibe, bile acid sequestrants, and fish oil).

Section VI: Hypertension

- Given patient and agent related variable, determine appropriateness and place in therapy regarding antihypertensive medications.
  - Part 2- Live Training- Live Seminar Application Based

12.5 Credits or 1.25 CEUs UAN#: 0134-0000 12-0042-LOI-P

At the conclusion of the live seminar, participants should be able to:

## **Acute Coronary Syndromes**

Design an evidence-based pharmacotherapy management plan for a patient with non-ST segment elevation (NSTE) acute coronary syndrome (ACS).

Design an evidence-based pharmacotherapy management plan for a patient with ST-segment elevation myocardial infarction (NSTEMI). Distinguish the efficacy and safety of different antithrombotics in ACS treatment (clopidogrel versus prasugrel versus ticagrelor, heparin, versus low molecular weight heparin versus anti-Xa inhibitor versus direct thrombin inhibitors).

### **Chronic Heart Failure**

Justify therapy for example case scenarios of chronic heart failure based upon primary literature and guidelines for chronic heart failure management.

Recommend standard or adjunct therapies for example case scenarios of chronic heart failure.

Modify standard or adjunct therapies for example case scenarios of chronic heart failure as changes in the clinical scenario occur (eg, disease progression, lack of tolerability, initiation of interacting medications).

# **Acute Decompensated Heart Failure**

To justify therapy for example case scenarios of acute decompensated heart failure (ADHF) based upon primary literature and guidelines for ADHF management.

To recommend standard or adjunct therapies for example case scenarios of ADHF heart failure.

To modify standard or adjunct therapies for example case scenarios of ADHF heart failure as changes in the clinical scenario occur (eg, lack of tolerability).

### **Atrial Fibrillation**

Using patient-specific information, design an appropriate treatment plan for the management of patients with AF based on the evidence and the most recent treatment guidelines.

Given a patient's risk factor profile, justify selection of appropriate antithrombotic therapy in patients with AF. Provide recommendations for managing adverse events or drug interactions that may develop in patients with AF who are receiving various antiarrhythmic and/or antithrombotic therapies

### **Dyslipidemia**

Discuss recent primary literature regarding dyslipidemia therapies. Discuss nonpharmacologic and pharmacologic treatment options for primary and secondary prevention of cardiovascular disease from a dyslipidemia standpoint.

Given a patient case, design an individualized pharmacotherapy plan to treat a patient's dyslipidemia including non-pharmacological and pharmacologic therapies, drug, dosing, and monitoring for efficacy and toxicity.

# Hypertension

Assess the presence or absence of target organ damage Recommend and justify an initial therapeutic regimen for a patient with hypertension (in patients with and without compelling md1cat1ons)

Identify appropriate monitoring parameters (for both efficacy and toxicity) for antihypertensive therapy, including follow-up.

### Registration

To register for this program and to find more information, please visit <a href="http://liu.rxschool.com">http://liu.rxschool.com</a> or go directly to the course by visiting <a href="http://liu.rxschool.com/livece/info.cfm/livece\_id/6362">http://liu.rxschool.com/livece/info.cfm/livece\_id/6362</a>.

# The fee for this program will be \$ 675.00 up until 10/15/2013 and \$725.00 thereafter.

Cancellations received 30 days prior to each program may request a 90% refund. Any cancellation within 30 days will be charged an additional \$50 for the home-study material. Paid registrants who fail to attend the on site conference

will receive the 10 hour home-study statement of credit provided the registrant successfully scores 70% or higher on the home-study test.

The right to cancel or change locations of the seminar due to insufficient registration is reserved by NYSCHP and LIU; registrants will be notified and receive a full refund for cancellation.

Home Study material will be available electronically upon successful payment for the registration including a preprogram survey. Home study exam answer sheets may be emailed to jbleyl@nyschp.org or faxed to NYSCHP at 518-456-9319 no later than Oct. 25, 2013.

The program requires successful completion of a final examination. The final examination will be an open book take home exam that will be distributed at the conclusion of the program on Saturday, November 2, 2013. The examination answer sheet must be emailed to <a href="mailto:jbleyl@nyschp.org">jbleyl@nyschp.org</a> or faxed to NYSCHP at 518-456-9319 no later than November 9, 2013 in order to receive CE credit and a certificate of achievement upon successful complete of all components of the program.

Special Needs: If any participant of the "Cardiology Practice Based Program" given by NYSCHP is in need of accommodations, please do not hesitate to submit written requests to Debra Feinberg at dfeinberg@nyschp.org, at least two weeks prior to the activity.

### Statement of Need

Providing services in the ambulatory care setting has been an important area of growth for the practice of pharmacy, especially in the field of Cardiology. The impact of pharmacists in various clinical settings is well doc1Jmented and may include benefits such as improved therapeutic outcomes, increased patient satisfaction, and cost savings to the health care system. Specifically, the incorporation of a clinical pharmacist into a multidisciplinary cardiology team of physicians and nurses can provide benefits such as improved management of supportive care, enhanced education of patients receiving complicated treatment.

## **Conflict of Interest Statement**

The "Conflict of Interest Disclosure Policy" of New York State Council of Health- system Pharmacists requires that faculty participating in any CE activity disclose to the audience any relationships with a pharmaceutical or equipment company. Any presenter who has disclosed relationships may create a conflict of interest with regard to their contribution to the activity and will not be permitted to present. NYSCHP also requires that faculty participating in any CE activity disclose to the audience when discussing any unlabeled or investigational use of any commercial product or device not yet approved for use in the United States.

# Live portion schedule - Friday-Saturday November 1-2, 2013 (PROGRAM SUBJECT TO CHANGE)

Friday: 11:30 AM - 6:40 PM

11:30 AM - 12:00 PM	Registration		
12:00 - 12:10 PM	Welcome		
12:10 – 1:10 PM	Acute Decompensated Heart Failure	Jo Eller	n Rodgers
1:10 – 2:10 PM	Chronic Heart Failure	Jo Eller	n Rodgers
2:10 – 2:20 PM	BREAK		
2:20 – 3:20 PM	Rate and Rhythm Control in Atrial Fibrillation	Cynthia Sanosk	ci .
3:20 – 4:20 PM	Antithrombotic Therapy in Atrial Fibrillation	Cynthia Sanosk	<b>ci</b>
4:20 – 4:30 PM	BREAK		
4:30 – 5:30 PM Infarction	Acute Coronary Syndromes: Unstable Angina/	Non-ST-Segmen Steven Dunn	t-Elevation Myocardial
5:30 – 6:30 PM	Acute Coronary Syndromes: ST-Segment-Elevat	tion Myocardial	Infarction- Steven Dunn
6:30 – 6:40 PM	Wrap Up /Announcements- Saturday 6:45 am-	· 2:00 pm	
6:45 - 7:15 AM	Breakfast		
7:15 – 9:15 AM	Dyslipidemia		Jacqueline Klootwyk
9:15 – 9:30 AM BREAK			
9:30 – 11:30 AM	Hypertension		Nicholas Leon
11:30AM – 12:30 PM	Case-Based Discussion		Jo Ellen Rodgers
			Cynthia Sanoski
			Steven Dunn
			Jacqueline Klootwyk
			Nicholas Leon

12:30 Box Lunch- take home exam due November 9, 2013. Email answers to <a href="mailto:ibleyl@nyschp.org">ibleyl@nyschp.org</a> or fax to NYSCHP at 518-456-9319. 1.5 hours is allocated for the take home exam.