

CONTINUING EDUCATION LEARNING OBJECTIVES:

ARTHRITIS: REVIEW AND UPDATE

Alan G. Stern, MD
Rheumatologist
Arthritis and Osteoporosis Center of Richmond

- Identify key diagnostic and clinical differences between several common arthritic conditions (including rheumatoid arthritis, osteoarthritis, gout, and psoriatic arthritis).
- Summarize reasons for treatment of a chronic arthritic condition.
- Identify common older therapeutic classes for the treatment of chronic arthritic conditions.
- Describe trends in the management and new interventions available for the treatment of chronic arthritis.

MANAGEMENT OF OBESITY

Renee Ahrens Thomas, Pharm.D., MBA
Associate Professor, Pharmacy Practice Department
Shenandoah University, Bernard J. Dunn School of Pharmacy

- Identify the health, social, and economic consequences of obesity.
- Describe the goals of weight management and treatment.
- Describe the different strategies for weight loss and maintenance.
- Identify general recommendations for diet and exercise in weight management.
- Compare and contrast the different pharmacologic agents used for weight loss.

VSHP MEDICATION HISTORY PILOT PROGRAM

Laura Adkins, Pharm.D.
Pharmacy Clinical Manager
Rockingham Memorial Hospital
Mitsi H. Lizer, Pharm.D., CGP
Assistant Professor of Pharmacy Practice
Shenandoah University College of Pharmacy
Allied Health Practitioner
Winchester Medical Center

- Review recent literature involving pharmacists in the medication history and medication reconciliation process.
- Describe the process of implementing a pharmacy driven medication history program.
- Identify two challenges pharmacists will encounter in implementing a medication history program.
- Identify two benefits of a pharmacist driven medication history program.

CLINICAL PEARLS

IMPROVE COMMUNICATION USING A PHARMACY INTRANET WEB SITE

Marshall Pierce, Pharm.D.
Clinical Coordinator
Bon Secours Memorial Regional Medical Center

- Describe the uses of a hospital/hospital system developed pharmacy web site.
- Identify computer skills needed to build and maintain a web site.
- Summarize the potential pitfalls of internal web site hosting versus intranet hosting.

THE USE OF SMART IV PUMP TECHNOLOGY TO REDUCE MEDICATION ERRORS

Christopher A. Woodruff, R.Ph.
Corporate Pharmacy Project Lead – Barcoding/Patient Safety
Bon Secours Health System

- Define IV smart pump technology.
- Describe the set-up of drug databases in the IV smart pump.
- Describe reporting capabilities of IV smart pumps.
- Summarize actual reports from a hospital using the Alaris Guardrail program.

MANAGEMENT OF URINARY TRACT INFECTIONS IN CHILDREN

Michael Chicella, Pharm.D.
Pharmacy Clinical Coordinator
Children's Hospital of the King's Daughters

- Recommend appropriate antibiotic treatment options for the management of urinary tract infections in children.
- Describe the rationale for using antibiotic prophylaxis in children with a history of urinary tract infections.
- List the complications of recurrent urinary tract infections in children.

MED ERRORS AND ADRs: WHEN THE SYSTEM WORKS

Rachelle (Shelly) Collins, Pharm.D.
Clinical Coordinator
Chesapeake General Hospital

- Describe the adverse events associated with IV iron products.
- Describe potential errors with IV levothyroxine.

THE SELECTION OF ANTI-INFECTIVE AGENTS FOR COMPLICATED INTRA-ABDOMINAL INFECTIONS

Dan Ostrowski, R.Ph., MS
Infectious Disease Specialist
Chesapeake General Hospital

- Differentiate between community-acquired and health care-associated intra-abdominal infections.
- Identify treatment options and appropriate duration of therapy for intra-abdominal infections.

PHARMACOGENETICS

Bonnie L. Bukaveckas, Ph.D.
Assistant Professor in Depts of Pharmacy and Pathology
Virginia Commonwealth University

- Define pharmacogenetics and the application of this new type of diagnostic tool to pharmacotherapy.
- Summarize examples of going from genetics to diagnostics.
- Describe emerging developments in this field.

ISSUES IN CHRONIC PAIN MANAGEMENT

Robin J. Hamill-Ruth, MD
Associate Professor of Anesthesiology and Critical Care
University of Virginia Health Sciences Center
Pain Management Center

- Describe the selection, titration and monitoring of opioid therapy for chronic benign pain.
- Define the therapeutic goals, drug selection, titration, and adverse effects of intrathecal medications.
- Review the clinical application of newer agents for refractory neuropathic pain.

NEW DRUG UPDATE

Kristi N. Hofer, Pharm.D.
Drug Information Specialist
University of Virginia Health System
Michelle W. McCarthy, Pharm.D.
Drug Information Specialist
University of Virginia Health System

- Differentiate between priority and standard drug review by the FDA.
- Review the mechanism of action, indication, dosing, and cost of new molecular entities (NMEs) approved by the Food and Drug Administration (FDA) in 2005.
- Evaluate the medication error potential, adverse effects, and drug interactions of the NMEs approved in 2005.
- Discuss pharmacy related issues (eg, storage, stability) of the NMEs approved in 2005.

CONTINUING EDUCATION LEARNING OBJECTIVES:

AN UPDATE ON TREATMENT OF INSOMNIA

Ericka L. Breden, Pharm.D.
Clinical Pharmacy Specialist
Virginia Commonwealth University Health System

- Define the diagnosis and incidence of insomnia.
- Identify causes of insomnia.
- Discuss non-pharmacologic options for the management of insomnia.
- Compare and contrast pharmacologic options for the treatment of insomnia.
- Evaluate the pharmacist's role in the treatment of insomnia.

MIGRAINE: CLINICAL UPDATE – A PRACTICAL APPROACH

Randal L. Von Seggern, Pharm.D., CPP, BCPS
Executive Director
PharmQuest, LLC

- Identify the three key questions to ask to clinically identify a migraine patient.
- Outline how to effectively select and use migraine medications for acute treatment.
- Recognize clinical features of patients requiring migraine prophylaxis.
- Outline how to effectively select and use migraine medications for prophylactic treatment.

LAWFUL PRESCRIBING AND PREVENTION OF DIVERSION

Landon S. Gibbs
Director, Law Enforcement Liaison and Education
Purdue Pharma, LP

- Describe the problems surrounding misuse, abuse and diversion of pharmaceutical drugs.
- Summarize a brief history of narcotic laws.
- Identify aspects of the Controlled Substance Act.
- Describe the DEA position on prescribing.
- Describe how state law and medical board regulations are more restrictive than federal law.

NEW ACLS GUIDELINES: PHARMACOLOGY UPDATE

Hong Nguyen, Pharm.D.
Critical Care Specialist
Inova Fairfax Hospital

- Identify the new pharmacological changes in 2005 ACLS guidelines.
- Given a patient with a pulseless arrest, list the appropriate agents that are used to treat ventricular fibrillation/ventricular tachycardia (VF/VT) and asystole/pulseless electrical activity (PEA).
- Describe drug therapies for symptomatic bradycardia.
- Describe drug therapies for symptomatic tachycardia.

TECHNICIAN SYMPOSIUM

THE IMPACT OF CONTINUOUS RENAL REPLACEMENT THERAPIES ON PHARMACY SERVICES: FROM PREPARATION TO BEDSIDE

Michael L. Bentley, Pharm.D.
Assistant Professor, Department of Pharmacy
Virginia Commonwealth University School of Pharmacy
Clinical Pharmacist, Depts. of Pharmacy and Medical Education
Carilion Roanoke Memorial Hospital

- Describe patient populations that may benefit from continuous renal replacement therapies (CRRT).
- Describe techniques to provide continuous dialysis, filtration, and hemofiltration.
- Summarize the rationale for pharmacy-made dialysis and filtration fluids.
- Describe anticoagulation techniques requiring pharmacy preparation.

EMERGING CARDIOVASCULAR RISK FACTORS

Jamila Stanton, Pharm.D.
Internal Medicine Specialized Resident
Virginia Commonwealth University Health System

- Review traditional risk factors associated with cardiovascular disease.
- Describe hyperlipidemia, new cholesterol targets, and drug therapy options in the treatment of hyperlipidemia.
- Identify and define new and emerging cardiovascular risk factors, including metabolic syndrome and C-reactive protein (CRP).
- Examine how emerging cardiovascular risk factors affect drug therapy selection in patients at risk for cardiovascular disease.

DEFINING AND DIFFERENTIATING PHARMACISTS' AND PHARMACY TECHNICIANS' DUTIES AND OBLIGATIONS UNDER VIRGINIA LAW

Douglas A. Lipton, JD
Corporate Attorney
First Health Services Corporation

- Describe the duties and responsibilities of pharmacists under Virginia law.
- Describe the duties and limits of pharmacy technician practice under Virginia law.
- Summarize how pharmacy technician practice and pharmacy practice are intertwined under Virginia law.

PRACTICE MANAGEMENT FORUM

JCAHO UPDATE IN HOSPITAL PHARMACY: WHAT TO EXPECT IN 2006

Panel Discussion presented by recently reviewed health-systems.

- Describe the new unannounced survey process for 2006.
- Describe the pharmacy-related standards requirements for 2006.
- Review programs that have successfully incorporated the 2006 National Patient Safety requirements.
- Review strategies to improve compliance with medication-related standards.
- Describe the requirements for medication reconciliation for 2006.

UPDATE ON USP 797: CHANGES, CHALLENGES, AND CHOICES

Angela Turner Cassano, Pharm.D., BCPS
President
Pharmfusion Consulting, LLC

- Identify the sections of Chapter 797 which have been updated by the United States Pharmacopeia (USP).
- Describe the updated JCAHO and Board of Pharmacy regulations pertaining to USP Chapter 797 in Virginia.
- Describe practical ways to address logistical issues in documentation, media fill testing, and environmental monitoring within an institution.

CHANGING WORKFORCE DEMOGRAPHICS: IMPLICATIONS FOR PHARMACY PRACTICE MANAGERS

Douglas Scheckelhoff, M.S., R.Ph.
Director, Pharmacy Practice Sections
American Society of Health-System Pharmacists

- Describe management strategies needed to accommodate a changing pharmacy workforce.
- Describe changes in workplace design that are likely to better align changing worker expectations.
- Identify new scheduling methods and job characteristics that are likely to maximize recruitment and retention.
- Summarize how managers can capitalize on changing demographics, improving quality of services while having a more satisfied staff.

2006 SPRING SEMINAR REGISTRATION FORM

PLEASE COMPLETE ENTIRE APPLICATION. IN ORDER TO RESERVE YOUR SPACE AT EACH OF THE EVENTS, YOU MUST INDICATE ALL OF THE EVENTS YOU PLAN TO ATTEND BY MARKING THE SPACE PROVIDED. AFTER YOU COMPLETE THE FORM, PLEASE MAKE YOUR CHECK PAYABLE TO VSHP FOR THE TOTAL AMOUNT DUE AND SEND TO VSHP, P.O. Box 2567, Fairfax, VA 22031-2567.

Name _____
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(Street Address) (Apt. #)

(City) (State) (Zip Code plus four)

Phone () _____ Email _____

Practice Site _____
(Name of Practice Site)

Address _____
(Street Address) (Suite)

(City) (State) (Zip Code plus four)

Phone () _____ Fax () _____

Job Title _____ Specialty Area of Practice _____

SEMINAR REGISTRATION: PLEASE INDICATE WHAT PORTION OF THE CONTINUING EDUCATION PROGRAM YOU PLAN TO ATTEND BY CIRCLING THE APPLICABLE DESIGNATION.

REMEMBER SPACE IS LIMITED, SO . . .

REGISTER TODAY

		Pharmacist Member	Pharmacist Non-Member	Resident Member	Resident Non-Member	Technician Member	Technician Non-Member	Student Member	Student Non-Member	Guest / Spouse
Full Registration	\$95	\$190	\$95	\$130	\$95	\$120	\$95	\$105	\$95	
Friday Only	\$95	\$190	\$95	\$130	\$95	\$120	\$95	\$105	\$95	
Saturday Only	\$95	\$190	\$95	\$130	\$95	\$120	\$95	\$105	\$95	

A \$25 late fee will be charged for all registrations received after March 17.

- \$ _____ Seminar Registration Fee
- \$ **FREE*** I plan to attend the Opening Night Banquet on Thursday, March 30.
- \$ **FREE*** I plan to attend the Technican Symposium, Saturday, April 1.
- \$ **FREE*** I plan to attend the Practice Management Forum, Friday, March 31.

\$ _____ **TOTAL DUE, MADE PAYABLE TO VSHP**

***FREE TO FULL MEETING REGISTRANTS AND VSHP MEMBERS.**

IN ORDER TO RESERVE YOUR SPACE, YOU MUST INDICATE ALL OF THE EVENTS YOU PLAN TO ATTEND BY MARKING THE SPACE PROVIDED. IF YOU DID NOT INDICATE THAT YOU PLAN TO ATTEND THE BANQUET ON YOUR REGISTRATION FORM, WE WILL ONLY BE ABLE TO ACCOMMODATE YOU ON A SPACE-AVAILABLE BASIS ON THE WEEKEND OF THE SEMINAR.

2006 SPRING SEMINAR

Virginia Society of Health-System Pharmacists

The **Virginia Society of Health-System Pharmacists** invites you to the premier continuing education seminar of the year. The VSHP 2006 Spring Seminar will be held March 30-April 1 at The Cavalier Hotel in Virginia Beach.

We have developed an outstanding program including:

- 20 hours of the highest quality continuing education on topics you have requested
- 3 hour Practice Management Forum addressing the challenging issues our pharmacy leaders face today
- 3 hour Technician Symposium addressing technician-specific topics
- 4 hour Exhibit Program featuring the latest pharmaceutical developments, products, equipment and services available

The Cavalier Hotel is, in fact, the hotel that made the tiny resort town of Virginia Beach famous. To be recognized as the best on the beach is not an honor that is earned overnight. Since her historic opening in 1927, The Cavalier has been an unwavering beacon on Virginia Beach. Dignified in her impeccable services. Constant in her commitment to perfection. Pleasing guests in ever more fulfilling ways. Today, The Cavalier sets a standard of excellence that is steeped in tradition and blessed with variety. The resort spans 18 acres of the exclusive North End of Virginia Beach and unabashedly boasts of the largest oceanfront ballroom and more place and spaces to hold an event than anywhere else in Hampton Roads.

Come and join us for an exciting but relaxing weekend at the beach. You won't regret it.



Hotel Information

VSHP has negotiated room rates at The Cavalier Hotel for Spring Seminar attendees. Attendees must state that they are attending the Virginia Society of Health-System Pharmacists meeting to ensure that they receive the group rate. Reservations are to be made by the individual directly with the hotel's Reservations Department at 1-800-446-8199 or 1-757-425-8555 before February 28, 2006. After this date, reservations will be accepted by the hotel on a space-available basis and at the hotel's prevailing rate.

Single	Oceanview \$85.00	Oceanfront \$110.00
Double	Oceanview \$85.00	Oceanfront \$110.00

Cancellation/Grievance Policy

To receive a refund, confirmed registrations must be canceled in writing on or before March 17, 2006 (postmark or fax date); cancellations postmarked on or before March 17 will be subject to a \$25.00 handling charge. Refunds will be issued only for cancellations faxed or postmarked before March 17.

Should any registrant be dissatisfied with the quality of the continuing education program, the participant may submit their grievance in writing to the attention of the Continuing Education Administrator (CEA), VSHP, P.O. Box 2567, Fairfax, VA 22031-2567 within 5 days of the conclusion of the program. The CEA will review the grievance within 10 days of receipt and provide written response of the findings and the basis for the decision made to the complainant no later than 30 days after receipt of the written grievance.



The Virginia Society of Health-System Pharmacists is approved by the American Council on Pharmaceutical Education as a provider of continuing pharmaceutical education. Registrants may obtain up to 17.0 contact hours (1.7 CEUs) at the VSHP 2006 Spring Seminar. Attendees must attend the entire time allotted for each session, complete a Speaker and Program Evaluation Form on-site for each session attended, and present it at the registration desk at the conclusion of the program for validation. VSHP will provide validated Statements of Continuing Pharmaceutical Education to meeting participants no later than 30 days after the completion of the program. This program is directed toward all individuals actively engaged in the practice of pharmacy.

20.0 HOURS OF CONTINUING EDUCATION FOR PHARMACISTS AND TECHNICIANS INCLUDING THE PRACTICE MANAGEMENT FORUM AND TECHNICIAN SYMPOSIUM

MARCH 30-APRIL 1

Virginia Beach

THE CAVALIER HOTEL
42ND STREET AND ATLANTIC AVENUE

THE 2006 SPRING SEMINAR

PRESENTS



VIRGINIA SOCIETY OF HEALTH-SYSTEM PHARMACISTS

VIRGINIA SOCIETY OF HEALTH-SYSTEM PHARMACISTS
P.O. BOX 2567
FAIRFAX, VA 22031-2567

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2006 SPRING SEMINAR AGENDA

Thursday, March 30

12:00-1:00 pm VSHP PAC Board of Trustees Meeting

1:00-5:00 pm VSHP Board of Directors Meeting (Open to all members)

5:30-6:00 pm Cocktail Reception

6:00-7:00 pm Topic: Anticoagulants
ACPE #108-000-06-020-L01 (.10 CEU)
Sponsored by GlaxoSmithKline

7:00-9:00 pm Opening Night Banquet

Friday, March 31

7:00-8:00 am Continental Breakfast

8:00-9:00 am Arthritis: Review and Update
ACPE #108-000-06-003-L01 (.10 CEU)

9:00-10:00 am Management of Obesity
ACPE #108-000-06-004-L01 (.10 CEU)

10:00-10:15 am Break

10:15-11:15 am VSHP Medication History Pilot Program
ACPE #108-000-06-005-L01 (.10 CEU)

11:15-1:15pm Lunch/Exhibit Program

8:00 - 11:15 Practice Management Forum

8:00-9:00 JCAHO Update in Hospital Pharmacy: What to Expect in 2006
ACPE #108-000-06-015-L04 (.10 CEU)

9:00-10:00 Update on USP 797: Changes, Challenges and Choices
ACPE #108-000-06-014-L04 (.10 CEU)

10:00-10:15 Break

10:15-11:15 Recruitment and Retention
ACPE #108-000-06-016-L04 (.10 CEU)

1:15-2:45 pm Clinical Pearls
ACPE #108-000-06-006-L01 (.15 CEU)

2:45-3:00 pm Break

3:00-4:00 pm Pharmacogenetics
ACPE #108-000-06-007-L04 (.10 CEU)

4:00-5:30 pm Issues in Chronic Pain Management
ACPE #108-000-06-008-L01 (.15 CEU)

5:30-7:30 pm Reception/Exhibit Program

Dinner on your own

Saturday, April 1

7:00-8:00 am Christian Pharmacists Fellowship
International Prayer Breakfast

8:00-11:15 Technician Symposium

8:00-9:00 The Impact of Continuous Renal Replacement Therapies on Pharmacy Services
ACPE #108-000-06-017-L01 (.10 CEU)

9:00-10:00 Emerging Cardiovascular Risk Factors
ACPE #108-000-06-018-L01 (.10 CEU)

10:00-10:15 Break

10:15-11:15 Defining and Differentiating Pharmacists' and Pharmacy Technicians' Duties and Obligations under Virginia Law
ACPE #108-000-05-019-L01 (.10 CEU)

8:00-10:00 am New Drug Update
ACPE #108-000-06-009-L01 (.20 CEU)

10:00-10:15 am Break

10:15-11:15 am An Update on Treatment of Insomnia
ACPE #108-000-06-010-L01 (.10 CEU)

11:15-12:15 pm Migraine: Clinical Update: A Practical Approach
ACPE #108-000-06-011-L01 (.10 CEU)

12:15-1:45 pm Lunch

1:45-2:45 pm Lawful Prescribing and Prevention of Diversion
ACPE #108-000-06-012-L01 (.10 CEU)

2:45-3:45 pm New ACLS Guidelines: Pharmacology Update
ACPE #108-000-06-013-L01 (.10 CEU)