

Internal Medicine-Infectious  
Diseases Continuing Medical  
Education Workshop

# *What's New in Medicine 2010*



*18 AMA PRA Category I Credits™  
18 Nursing Contact Hours  
18 Hours Pharmacy CE\**

**September 17 & 18, 2010**

**Three Rivers Convention Center  
7016 W. Grandridge Blvd.  
Kennewick, WA 99336  
[www.threeriversconventioncenter.com](http://www.threeriversconventioncenter.com)**

*Jointly sponsored by the  
Foundation for Care Management  
and What's New in Medicine.*

*Supported, in part, by educational grants.  
Grant support is pending.*

# Lecture Objectives -- Day 1

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Upon completion of this workshop, the healthcare professional will be able to:

1. Describe the pathophysiology of acute and chronic urinary tract infections.
2. Identify local microbial resistances to the treatments of adult urinary tract infections.
3. Apply evidence-based treatment options for acute and chronic adult urinary tract infections for better patient outcomes.
4. Clarify the spectrum of activity of commonly used anti-microbial and anti-fungal agents.
5. Discuss the appropriate use of common anti-microbials and anti-fungals in adults.
6. Recognize important adverse effects with commonly prescribed antimicrobials and antifungals in adults.
7. Identify microorganisms that cause common skin and soft tissue infections, including infections caused by animal bites.
8. Diagnose common skin, soft tissue and animal bite wound infections.
9. Apply appropriate treatment options for common skin, soft tissue and animal bite related infections.
10. Discuss the epidemiology and prevention of multi-drug resistant organisms (MDRO).
11. Describe the concept of anti-microbial stewardship in relation to the treatment of MDRO.
12. Utilize current, evidence-based strategies in the treatment of MDRO.
13. Outline prevention strategies for central line-associated bloodstream infections, ventilator-associated pneumonia, catheter-associated urinary tract infections, and surgical site infections.
14. Implement appropriate use of infection control precautions to prevent the transmission of infectious diseases (contact, droplet, and airborne).
15. Apply infection quality control measures with regards to legislative requirements.
16. Discuss the epidemiology of West Nile Virus infection, Bovine Spongiform Encephalitis, Rabies, Tick-borne Diseases, and Hantavirus in the Northwest.
17. Describe and apply current diagnostic tools and appropriate treatment strategies for West Nile Virus infection, Bovine Spongiform Encephalitis, Rabies, Tick-borne Diseases, and Hantavirus.
18. Explain the use of rapid diagnostic tests for the diagnosis of lower respiratory infections in children.
19. Identify the common causes of lower respiratory infections in children.
20. Discuss and apply current treatment options for lower respiratory infections in children.
21. Analyze the probable course of influenza for the 2010-2011 season.
22. Differentiate between the different influenza viruses and their distinct clinical features.
23. Appropriately treat the different types of influenza.
24. Implement appropriate strategies for the management of infectious disease into clinical practice to achieve better patient care and outcomes.

Upon completion of this workshop, the healthcare professional will be able to:

1. Describe the pathogenesis of chronic wounds.
2. Diagnose different types of chronic wounds using current protocols.
3. Apply evidence-based strategies in the treatment of chronic wounds.
4. Study the pathophysiology of osteopenia and osteoporosis and the role of vitamin D deficiency.
5. Discuss current diagnostic guidelines and treatment strategies set by the National Osteoporosis Foundation for osteopenia and osteoporosis.
6. Recommend preventive strategies for the patient that is at risk for osteopenia and/or osteoporosis.
7. Implement appropriate treatment options, including vitamin D, for osteopenia and osteoporosis to improve patient outcomes.
8. Discuss the epidemiology of Chronic Obstructive Pulmonary Disease (COPD) and Bronchial Asthma in the Northwest.
9. Identify the similarities and differences of COPD and Bronchial Asthma.
10. Differentiate between clinical presentations of COPD and Bronchial Asthma to assist in the appropriate diagnosis of each disease.
11. Apply treatment guidelines recommended by Global Obstructive Lung Disease (GOLD) for COPD and Global Initiative for Asthma (GINA) for Bronchial Asthma.
12. Define the pathophysiology of chronic pain.
13. Utilize current diagnostic protocols, i.e., patient history, signs and symptoms, underlying conditions, physical and neurological examination for chronic pain.
14. Discuss pharmacologic and non-pharmacologic treatment options for the management of chronic pain.
15. Diagnose the various types of headaches and their characteristic triggers.
16. Recognize the importance of early intervention at first symptoms of headache and discuss efficacious strategies in prophylaxis.
17. Describe current therapeutic options, as well as dietary and lifestyle changes and non-drug therapies in the management of different types of headaches.
18. Apply current approaches to the prophylaxis, treatment and management of the patient with headaches to improve patient outcomes.
19. Describe the epidemiology and pathogenesis of Bipolar Disorder Type I and Bipolar Disorder Type II.
20. Utilize differential diagnostic criteria and evaluation for Bipolar Disorder Type I, Bipolar Disorder Type II, and other causes of mood swings.
21. Discuss recent clinical studies of medications i.e., mood stabilizers, anticonvulsants, psychotherapy and current strategies (monotherapy and combination therapy), including their efficacy and side effect profiles, in the treatment of Bipolar Disorders.
22. Implement current diagnostic and treatment strategies to reduce acute symptoms, and appropriately manage the patient with Bipolar Disorder Type I and II, to achieve better patient outcomes.
23. Describe the prevalence of Obstructive Sleep Apnea (OSA) and its relationship to other disease states, effect on daily function and well being, and the impact on healthcare today.
24. Recognize risk factors for OSA and discuss diagnostic techniques useful to the primary care provider, including the role of the Sleep Disorder Clinic.
25. Discuss appropriate therapeutic approaches used to manage the patient with OSA and implement them into practice to improve patient care and outcomes.
26. Explain the pathophysiology behind sexual dysfunction in men and women.
27. Establish procedures to diagnose sexual dysfunction in men and women and discuss appropriate treatment strategies.
28. Apply current strategies to manage the patient with sexual dysfunction to achieve better patient outcomes.
29. Implement appropriate strategies for the management of internal medicine diseases into clinical practice to achieve better patient care and outcomes.

# Lecture Topics -- Day 1

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Time	Lecture Topic	Faculty
7:30-8:30am	Registration/Exhibits/Breakfast	
8:30-9:30am	Adult Urinary Tract Infections	Dr. Carrie Horwitch
9:30-10:30am	Commonly Used Anti-microbial and Anti-fungals	Dr. David Spach
10:30-10:45am	BREAK	
10:45-11:45am	Skin and Soft Tissue Infections and Management of Animal Bites	Dr. David Spach
11:45am-12:45pm	LUNCH - Exhibit Hall	
12:45-1:45pm	Multi-Drug Resistant Organisms (MRSA, C-Difficile and Highly Resistant Gram Negative Bacteria)	Dr. Dennis G. Maki
1:45-2:45pm	Health-care Associated Infections and Infection Control	Dr. Dennis G. Maki
2:45-3:00pm	BREAK	
3:00-4:00pm	Infectious Diseases and Vectors in the Northwest	Dr. Anthony Marfin
4:00-5:00pm	Lower Respiratory Infections in Pediatric Populations - Viral and Bacterial	Dr. Scott Lindquist
5:00-5:15pm	Break	
5:15-6:15pm	Influenza and H1N1 in 2010-2011	Dr. Anthony Marfin

## Accreditation

### AMA PRA Category 1 Credit Statement

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Foundation for Care Management (FCM) and What's New in Medicine (WNM). FCM is accredited by the ACCME to provide continuing medical education for physicians.

FCM designates this educational activity for a maximum of **18 AMA PRA Category 1 credits<sup>TM</sup>**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Nursing Credit Statement

The Foundation for Care Management is an approved provider of continuing nursing education by the Colorado Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. Approval period: July 1, 2009 - June 30, 2012. Provider #FCM-0612.

### Pharmacy Credit Statement

The Foundation for Care Management is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Program #0347-9999-10-020-L01-P \*This CE activity is knowledge based.

Special Topic Discussion Groups require pre-registration.  
Space is limited and will be filled on a first-come, first-served basis.

Time	Session	Topic	Faculty
11:45a-12:45p	A	<p><b>Utilization of Nursing for Chronic Disease Counseling</b></p> <ul style="list-style-type: none"> <li>Identify chronic diseases that are appropriate for the nursing counseling service.</li> <li>Analyze the pros and cons of utilizing nursing staff for counseling on chronic diseases.</li> <li>Use two models for the nursing staff in providing patient counseling in chronic disease management.</li> </ul>	Mr. Kim Anderson
	B	<p><b>Hepatitis B &amp; Hepatitis C: Pregnancy and Current Guidelines</b></p> <ul style="list-style-type: none"> <li>Summarize the new American Association for the Study of Liver Diseases (AASLD) guidelines on the diagnosis and treatment of Hepatitis B and C.</li> <li>Discuss and utilize diagnostic strategies and treatment options for chronic Hepatitis B in pregnancy and patients with immunosuppressant disease.</li> </ul>	Dr. Kris Kowdley
	C	<p><b>Vaccines for Adults</b></p> <ul style="list-style-type: none"> <li>Explain the basic immune mechanisms of the different types of vaccines for adults.</li> <li>Examine common controversies surrounding vaccinations for adults.</li> <li>Recognize adverse effects of the various vaccinations for adults.</li> </ul>	Dr. David Spach
	D	<p><b>Central Nervous System Infection: West Nile Virus</b></p> <ul style="list-style-type: none"> <li>Describe the epidemiology of West Nile Virus.</li> <li>Discuss the prognosis of West Nile Virus.</li> </ul>	Dr. Anthony Marfin
	E	<p><b>Travel Medicine</b></p> <ul style="list-style-type: none"> <li>Study the Advisory Committee on Immunization (ACIP) and the Center for Disease Control (CDC) guidelines for travel vaccines, e.g., yellow fever, meningococcal disease, Hepatitis A, typhoid, rabies, Japanese Encephalitis.</li> <li>Identify medications and regimens used to prevent malaria and to manage traveler's diarrhea.</li> <li>Discuss the presentation of parasitic infections in returned travelers and the approach to diagnosis and treatment.</li> </ul>	Dr. Elaine Jong

# Lecture Topics -- Day 2

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<b>Time</b>	<b>Lecture Topic</b>	<b>Faculty</b>
7:00-8:00am	Registration/Exhibits	
8:00-9:00am	Wound Care	Dr. Bob Bartlett
9:00-10:00am	Vitamin D Deficiency: Osteopenia and Osteoporosis	Dr. Mary Laya
10:00-10:15am	BREAK	
10:15-11:15am	COPD and Bronchial Asthma in the Northwest: Similarities and Differences	Dr. Steven Kirtland
11:15am-12:15pm	Chronic Pain	Dr. Gordon Irving
12:15-1:30pm	LUNCH/Exhibits/Violin Performance	
1:30-2:30pm	Headaches	Dr. Douglas Paauw
2:30-3:30pm	Bipolar Disorder in Primary Care	Dr. Farrukh Hashmi
3:30-3:45pm	BREAK	
3:45-4:45pm	Obstructive Sleep Apnea	Dr. Ralph Pascualy
4:45-5:45pm	Sexual Dysfunction	Dr. Ksenija Stefanovic

Special Topic Discussion Groups require pre-registration. Space is limited and will be filled on a first-come, first-served basis.

Time	Session	Topic	Faculty
12:15-1:15pm	A	<p><b><i>Pharmacy and Nursing Liabilities</i></b></p> <ul style="list-style-type: none"> <li>• Detect common pitfalls in nursing and pharmacy liabilities.</li> <li>• Define ways and techniques to avoid and diminish common pitfalls in nursing and pharmacy liability.</li> <li>• Initiate various strategies in conflict resolution to reduce the incidence in nursing and pharmacy liability.</li> </ul>	Mr. Kim Anderson
	B	<p><b><i>Management of Peripheral Vascular Disease</i></b></p> <ul style="list-style-type: none"> <li>• Describe the epidemiology, causes and risk factors for Peripheral Vascular Disease (PVD).</li> <li>• Discuss current protocols used to diagnose PVD including ankle-brachial index (ABI) and imaging equipment.</li> <li>• Prioritize among various clinical manifestations of arterial disease to determine urgency of care.</li> <li>• Implement appropriate pharmacologic treatment strategies and other therapeutic options, i.e., angioplasty, lifestyle modifications, and surgery to treat the patient with PVD and achieve better outcomes.</li> </ul>	Dr. Ambrad-Chalela
	C	<p><b><i>Diabetes Mellitus</i></b></p> <ul style="list-style-type: none"> <li>• Discuss current concepts on the pathogenesis of Diabetes Mellitus.</li> <li>• Establish diagnostic criteria as set by the American Diabetes Association for early screening for at risk patients and diagnosis of Diabetes Mellitus.</li> <li>• Describe current concepts on the treatment of Diabetes Mellitus i.e., glucose monitoring, diet, medication and patient education.</li> <li>• Apply treatment goals for the patient with, or at risk for, Diabetes Mellitus to improve patient care and outcomes.</li> </ul>	Dr. Timothy Evans
	D	<p><b><i>Health Care Reform</i></b></p> <ul style="list-style-type: none"> <li>• Cite the major principles of health care reform.</li> <li>• Examine the new developments in health care reform.</li> <li>• Assess the implications of health care reform on the practice of medicine.</li> </ul>	Dr. David Dale
	E	<p><b><i>What is Hospital Medicine and How Do Hospitalists Affect Quality of Care for Inpatients</i></b></p> <ul style="list-style-type: none"> <li>• Explain the evolution and importance of hospital medicine.</li> <li>• Describe common practice models and roles for hospitalists.</li> <li>• Discuss and implement mechanisms by which hospitalists can improve inpatient quality of care.</li> </ul>	Dr. Andrew White

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Richland, WA 99352

## **For special needs, further details or more information contact:**

**Melissa Baughman, CHES**  
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**509-460-4236**  
**melissab@bfhd.wa.gov**

## **Cancellation Policy:**

Cancellations must be submitted in writing and mailed to Marlene Chua, 176 Kentwood Court, Richland, WA 99352, no later than August 17, 2010 for a full refund minus a processing fee of \$10.00. No refunds will be given if cancelled after August 18, 2010. However, you may have someone else attend the conference in your place by submitting the request in writing and mailing it to Marlene Chua, 176 Kentwood Court, Richland, WA 99352.

## **Accommodations:**

Hotel accommodations at a discounted rate can be made by contacting:  
(Hotel accommodations are not part of the cost of registration)

Hilton Garden Inn  
701 N. Young St., Kennewick, WA 99336  
Tel. 509-735-4600 • Fax 509-735-4601  
www.tri-citieskennewick.gardeninn.com

Red Lion Hotel  
N. 1101 Columbia Center Blvd., Kennewick, WA 99336  
Tel. 509-783-0611 • Fax 509-735-3087  
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