



**INTERNAL MEDICINE FOR PRIMARY CARE:
GASTROENTEROLOGY/INFECTIOUS DISEASE/
NEPHROLOGY/RHEUMATOLOGY**

**Oahu, HI - Aulani, A Disney Resort & Spa
June 9 - 13, 2024**



Sunday, June 9, 2024

2:30 pm

Registration

3:00 pm - 4:00 pm - Infectious Diseases

Skin & Soft Tissue Infections

Presentation on important skin and soft-tissue infections and their prompt recognition, emphasizing evaluation and management strategies

4:00 pm - 5:00 pm - Infectious Diseases

Respiratory Tract Infections

Discussion highlighting critical points regarding the diagnosis and management of pneumonia and bronchitis – with a focus on the impact of multidrug resistant pathogens

5:00 pm - 6:00 pm - Infectious Diseases

Gastrointestinal Infections & Clostridioides Difficile

Presentation on important enteric pathogens and their recognition, diagnosis and management; special emphasis on clostridioides difficile colitis and related updates from the ID and infection control literature

6:00 pm

Session Adjourns



Monday, June 10, 2024

7:00 am

Registration and Hot Breakfast

7:30 am - 8:30 am - Rheumatology

Evaluating the Patient with Joint Pain

Differentiating between inflammatory and non-inflammatory joint pain; The utility of joint aspiration and lab work-up with interpretation of synovial fluid analysis; Differential diagnosis of joint pain and inflammatory arthritis

8:30 am - 9:30 am - Rheumatology

Update in Pharmacology for Arthritis

Review risks and benefits of traditional NSAIDs and cox-2 inhibitors; Analgesics (narcotics and tramadol), acetaminophen, conventional-synthetic DMARDs, and bDMARDs

9:30 am - 9:40 am

Coffee Break

9:40 am - 10:40 am - Rheumatology

Osteoporosis

Review the epidemiology and pathophysiology of osteoporosis along with interpretation of DEXA scans and FRAX risk assessment; up-to-date therapeutic options

10:40 am - 11:40 am - Infectious Diseases

Emerging Infectious Diseases

Novel influenza viruses, resurgence of vaccine-preventable diseases, zoonoses and disease related to animal exposures (including vectors such as mosquitoes that bear west Nile virus and dengue), bioterrorism and food/waterborne illness

11:40 am - 12:40 pm - Infectious Diseases

Antimicrobial Stewardship and Multidrug Resistance

Definition of an antimicrobial stewardship program (ASP); Concepts of the antimicrobial stewardship program; Four goals of antimicrobial stewardship; Most recent additions to the antimicrobial armamentarium

12:40 pm

Session Adjourns

Tuesday, June 11, 2024

7:00 am

Registration and Hot Breakfast

7:30 am - 8:30 am - Nephrology

Kidney, Heart, and Bone: A Challenging Trifecta in CKD

Cardiovascular calcifications are highly prevalent in patients with kidney disease and contribute to morbidity and mortality. In recent years, the complex pathophysiologic changes occurring in the bony tissue of patients with kidney disease have been recognized as important factors in vascular calcifications. Early recognition of this disorder is becoming an important component of the care of CKD patients.

8:30 am - 9:30 am - Nephrology

Glomerulonephritis 101

Differentiating glomerulonephritis and secondary glomerulonephritis in lupus or diabetes; dealing with high blood pressure, nephrotic syndrome and other complications; the appropriateness of tests, imaging and biopsy; treatment options

9:30 am - 9:40 am

Coffee Break

9:40 am - 10:40 am - Nephrology

Primary Care Primer on Electrolyte Imbalances

Electrolyte and acid-base disorders are common in clinical practice and can arise from genetic and acquired disease as well as commonly prescribed medications. These include disturbances in serum sodium, potassium, calcium and bicarbonate. This case-based lecture will review the pathophysiology, diagnosis, prevention and management of these common imbalances.

10:40 am - 11:40 am - Rheumatology

Crystal Disease: Gout & Pseudogout

Properly diagnosing and treating crystal diseases such as gout and pseudogout

11:40 am - 12:40 pm - Rheumatology

Rheumatologic Gait Disorders and Falls

Diagnosing problems associated with gait abnormalities; considering causes and prevention of falls; exercise training, aerobics, balance training, resistance

12:40 pm

Session Adjourns

Wednesday, June 12, 2024

7:00 am

Registration and Continental Breakfast

7:30 am - 8:30 am - Gastroenterology

Management of Lower GI Bleeding- From Occult to Massive

The correct use and interpretation of tests for occult blood in the stool will be discussed in relation to lower GI bleeding; focus on the utility of different diagnostic and management approached to the spectrum of patients presenting with hematochezia

8:30 am - 9:30 am - Gastroenterology

Bootcamp for Elevated Liver Function Tests

The elevation of elevated liver function tests can be challenging, how much testing is needed?; Discussion of common sources of elevated liver function tests; Recognition of Non Alcoholic Fatty Liver Disease; Hepatitis B evaluation and treatment; Hemochromatosis evaluation; A primary care perspective on Hepatitis C

9:30 am - 9:40 am

Coffee Break

9:40 am - 10:40 am - Gastroenterology

Celiac Disease and Chronic Diarrhea

Millions of Americans are now on a gluten free diet. Only some of them actually have Celiac disease. We will review the workup of diarrhea and malabsorption with a focus on celiac disease; We will discuss how to diagnose celiac disease when a patient is already on a gluten free diet and an appropriate differential diagnosis

10:40 am - 11:40 am - Nephrology

Anemia and Chronic Kidney Disease

Anemia is a common complication in patients with chronic kidney disease and is associated with increased risk for cardiovascular complications. Heart disease is common in chronic kidney disease and anemia contributes to the development of left ventricular hypertrophy and is associated with heart failure outcomes. This presentation will discuss the pathogenesis, consequences and current therapies including novel compounds being developed to treat anemia in this setting.

11:40 am - 12:40 pm - Nephrology

?

The most common forms of progressive chronic kidney disease leading to kidney failure include diabetes, hypertension and polycystic disease. It is well established that use of renin-angiotensin-aldosterone system inhibitors can slow progression of these and other chronic kidney diseases in adults and children. However, because these agents can alter kidney hemodynamics and ion transport, especially potassium, their use in patients with chronic kidney disease can lead to elevation in serum creatinine and potassium. This presentation will focus on the benefits and risks of using these agents in people with chronic kidney disease and how providers can best manage dosing and side effects.



12:40 pm

Session Adjourns

Thursday, June 13, 2024

7:00 am

Registration and Continental Breakfast

7:30 am - 8:30 am - Gastroenterology

Approach to Abnormal Liver Function Tests and Non-Alcoholic Fatty Liver Disease (NAFLD)

A primary care approach to evaluating and managing mildly abnormal hepatocellular liver chemistry in the asymptomatic patient; review of NAFLD, its implications and management

8:30 am - 9:30 am - Gastroenterology

Colorectal Cancer Screening and Surveillance

Reviews the most recent recommendations for CRC screening in the general population at average risk for CRC.

9:30 am

Conference Adjourns

Target Audience

This program is targeted to office-based primary care providers and other health professionals with updates in primary care medicine

Learning Objectives

Upon completion of this program, participants should be better able to:

- Review epidemiology and microbiology of skin and soft tissue infections (SSTI)
- List common causative pathogens for various respiratory tract infections
- Evaluate the severity of diarrhea and evaluate the need for treatment
- Discuss emerging infectious diseases including resurgence of vaccine-preventable diseases, zoonoses, and diseases related to animal exposures
- List goals of an antimicrobial stewardship program and strategies for antimicrobial treatment
- Compare and contrast inflammatory & non-inflammatory joint pain and their differential diagnoses
- Review the risks and benefits of the treatment options for arthritis (non-selective NSAIDs, cox-2 inhibitors, DMARDs, narcotics and tramadol)
- Identify the risks and benefits of utilizing bisphosphonates in the treatment of osteoporosis
- Diagnose and treat gout and pseudogout
- List strategies to improve gait and prevent falls
- List steps to diagnose and treat bone disease and its cardiovascular consequences in CKD
- Describe treatment options for hematuria and glomerulonephritis
- Review the pathophysiology, diagnosis, prevention and management of common electrolyte imbalances
- Discuss the pathogenesis, consequences, and current therapies used to treat anemia in chronic kidney disease
- List the potential side effects of renin-angiotensin-aldosterone system inhibitors
- List current treatment recommendations for the management of lower GI bleeding
- Describe needed testing for elevated liver function tests
- Recommend appropriate testing for the workup of celiac disease
- Identify risk factors for the development of non-alcoholic fatty liver disease
- Discuss the guidelines for colonoscopic colorectal cancer screening and surveillance

Disclosure of Conflicts of Interest

Medical Education Resources insures balance, independence, objectivity, and scientific rigor in all our educational activities. In accordance with this policy, MER identifies conflicts of interest with its instructors, content managers, and other individuals who are in a position to control the content of an activity. Reported conflicts of interest are mitigated by MER to ensure that all scientific research referred to, reported, or used in a CE activity conforms to the generally accepted standards of experimental design, data collection, and analysis. MER is committed to providing learners with high-quality CE activities that promote improvements or quality in health care and not the business interest of a commercial interest.

Disclaimer

The content, views and opinions presented in this educational activity are those of the authors and do not necessarily reflect those of Medical Education Resources. The authors have disclosed if there is any discussion of published and/or investigational uses of agents that are not indicated by the FDA in their presentations. Before prescribing any medicine, primary references and full prescribing information should be consulted. Any procedures, medications, or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patient's conditions and possible contraindications on dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities. The information presented in this activity is not meant to serve as a guideline for patient management.

Accreditation Statements

Joint Accreditation for Interprofessional Continuing Education



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, Medical Education Resources is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.

This activity was planned by and for the healthcare team, and learners will receive 20 Interprofessional Continuing Education (IPCE) credits for learning and change.

Physician Credit Designation

AMA PRA Category 1 Credits™

Medical Education Resources designates this live activity for a maximum of 20 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

American Board of Internal Medicine MOC Recognition (ABIM)



Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 20 (part II) MOC points in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.

American Academy of Family Physicians (AAFP)



This Live activity, *Internal Medicine for Primary Care: Gastro/ID/Nephro/Rheum*, with a beginning date of June 9, 2024 has been reviewed and is acceptable for up to 20 Prescribed credits by the American Academy of Family Physicians. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

American Osteopathic Association (AOA)

These programs are approved for 20 hours in Category 2-A by the American Osteopathic Association.

American College of Emergency Physicians (ACEP)

This program is approved by the American College of Emergency Physicians for a maximum of 20 hours of ACEP Category I credit.

Canadian Physicians

The College of Family Physicians of Canada (CFPC) has a reciprocal credit agreement with the American Academy of Family Physicians (AAFP) for activities which offer Prescribed credit. CFPC members who complete these conferences may claim the equivalent number of Mainpro-M1

credits.

Nursing Credit Designation

American Nurses Credentialing Center (ANCC)

Medical Education Resources designates this live activity for a maximum of 20 ANCC nursing contact hours. Nurses will be awarded contact hours upon successful completion of the activity.

This activity is designated for 7.5 ANCC pharmacotherapeutic contact hours.

American Academy of Nurse Practitioners (AANP)

The American Academy of Nurse Practitioners (AANP) Certification Board recognizes and accepts continuing education (CE) contact hours from activities approved by AMA, ACCME, ANCC, AANP, AAFP and AACN.

California Board of Registered Nursing

Medical Education Resources is approved by the California Board of Registered Nursing, Provider Number 12299, for 20 contact hours.

Physician Assistant Credit Designation

American Academy of Physician Assistants (AAPA)



Medical Education Resources has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 20 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

Pharmacy Accreditation

Accreditation Council for Pharmacy Education (ACPE)



Medical Education Resources (MER) designates this live continuing education activity for 20 contact hours (2.0 CEUs) of the Accreditation Council for Pharmacy Education.

Universal Program Number: JA0003680-0000-24-XXX-L01-P

Participants will be required to sign in at the start of the program and/or complete a program evaluation.

Credits will be uploaded into CPE Monitor within 60 days of the activity.

This activity is certified as Knowledge-based CPE.