



**Missionary Medicine for Physicians  
Equip International  
April 24-28, 2023  
Marion, NC**



**Accreditation** 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 providership of the Christian Medical & Dental Associations (CMDA) and Equip International. Christian Medical & Dental Associations is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**Physician Credit** The Christian Medical & Dental Associations designates this educational activity for a maximum of 37.75 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**AAFP**

Application for CME credit has been filed with the American Academy of Family Physicians. **Determination of credit is pending.**

**Physician Assistant**

AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit(s)*<sup>™</sup> by an organization accredited by the ACCME or a recognized state medical society. **Physician assistants may receive up to 37.75 credits for completing this activity.**

**Nurse Practitioner**

The American Academy of Nurse Practitioners Certification Program (AANPCP) accepts *AMA PRA Category 1 Credit*<sup>™</sup> from organizations accredited by the ACCME. Individuals are responsible for checking with the AANPCP for further guidelines.

**Nurse practitioners may receive up to 37.75 credits for completing this activity.**

**Objectives:**

- List the major types of diarrheal diseases found in developing countries.
- Describe the major causes, methods of diagnosis, and treatment protocols for malnutrition in developing countries.
- Identify major causes of anemia in developing countries.
- Discuss treatment options for anemia.
- Identify major viral diseases found in developing countries.
- Describe diagnostic and treatment modalities available in resource-poor environments.
- Identify current methods for diagnosis and treatment of malaria including options for prophylaxis.
- List a differential diagnosis for common presenting symptoms in the tropics.
- Discuss the reduction of rabies risk through proper initial wound management and vaccination.
- List the advantages of pre-exposure rabies vaccination.
- Discuss proper post-exposure management of a bite at high risk for rabies.
- Discuss rabies prevention strategies in the U.S. vs the developing world.
- Review options for bush lab and clinical lab development.
- Demonstrate ability to prepare tissue for basic tests including urine dipstick and microscopy, peripheral blood smear, stool smear, hematocrit, and point-of-care test for HIV, hepatitis A&B, and Rapid Test for Malaria.
- Discuss the methods of diagnosis and treatment using the algorithm presented in the textbook.
- Demonstrate ability to utilize diagnostic and treatment information in the textbook by solving required case studies.
- Identify oral health issues that may lead to systemic diseases in developing countries.
- Observe how to extract teeth.
- Demonstrate skill utilizing ART and Silver Diamond Fluoride techniques.
- Identify the most common skin diseases in the developing world.
- Discuss diagnosis and treatment options for the most common skin diseases in the developing world.
- Describe potential problems with international drug availability and efficacy.
- Discuss WHO Guidelines for dispensing and prescribing drugs.
- Describe the multifaceted problems associated with decreased access to safe quality drinking water, low levels of sanitation, and poor hygiene.
- Discuss possible low-tech and low-cost solutions for quality drinking water, low levels of sanitation and poor hygiene in developing countries.

- Discuss various pitfalls of short-term medical missions.
- Identify best practices that emphasize international partnerships and sustainability.
- State symptoms and treatment of tuberculosis.
- Discuss the local and national health care system issues in resource poor countries that contribute to the ongoing high maternal and perinatal mortality.
- Describe complications common to treating tuberculosis in developing countries.
- Identify the common sexually transmitted infections (STIs), including syphilis.
- Discuss the concept of Syndromic Management of STIs in low resource environments.

## Agenda

TIME	TOPIC TITLE	FACULTY NAME	NUMBER OF CREDITS
<b>Monday, April 24, 2023</b>			
9:15 - 9:55 am	Thinking Differently: common complaints in uncommon places	Andrew Morris, MD	0.75
10:00 - 11:00 am	Sexually Transmitted Infections	Paul Thistle, MD	1.0
11:15 am - 12:00 pm	Intro to VMM, Diagnostic Algorithm, Case Studies	Andrew Morris, MD	0.75
1:00 - 2:00 pm	Why Labs Are Need in Low Resource Countries, Basic Screening	Barbara Rash, MT	1.0
2:00 - 3:00 pm	Hands-on Lab	Barbara Rash, MT	1.0
3:15 - 4:15 pm	Point of Care Testing	Barbara Rash, MT	0.75
4:15 - 5:15 pm	Hands-on with Point of Care Tests	Barbara Rash, MT	0.75
7:00 - 9:00 pm	Case Studies	Barbara Rash, MT	2.0
<b>Tuesday, April 25, 2023</b>			
8:40 - 9:40 am	Anemia	Andrew Morris, MD	1.0
9:45 - 10:45 am	Tuberculosis	Paul Thistle, MD	0.75
11:00 am - 12:00 pm	Severe Viral Infections	Greg Juckett, MD	1.0
1:00 - 1:50 pm	Malaria - Diagnostics	Andrew Morris, MD	0.75
2:00 - 2:55 pm	Malaria – Prevention and Treatment	Greg Juckett, MD	1.0
3:05 - 4:00 pm	WASH at the Shed - Clean water and Basic Sanitation	Andrew Morris, MD	1.0
4:10 - 5:15 pm	Severe Viral Infections	Greg Juckett, MD	1.0
7:00 - 9:00 pm	Case Studies	Andrew Morris, MD	2.0
<b>Wednesday, April 26, 2023</b>			
8:40 - 9:45 am	Tropical Skin Diseases	Andrew Morris, MD	1.0
9:55 - 10:55 am	Mitigating Maternal and Prenatal Mortality	Paul Thistle, MD	1.0
11:15 am - 12:00 pm	International Drug Options	Andrew Morris, MD	0.75
1:00 - 2:00 pm	Critical Childbirth and Women's Issues	Paul Thistle, MD	1.0
2:10 - 3:10 pm	What We Leave Behind - Group Activity	Andrew Morris, MD	1.0
3:30 - 4:20 pm	Preparing for a Global Health Experience	Andrew Morris, MD	1.5
4:30 - 5:15 pm	Emergency Preparation and Contingencies – Case Study	Andrew Morris, MD	0.75
7:00 - 9:00 pm	Case Studies	Andrew Morris, MD	2.0
<b>Thursday, April 27, 2023</b>			
8:40 - 9:50 am	HIV and AIDS	Paul Thistle, MD	1.0
10:00 - 11:00 am	Nutrition and Malnutrition	Jeff Heck, MD	1.0
11:00 am - 12:00 pm	Preventing Rabies	Greg Juckett, MD	1.0
1:15 - 2:15 pm	Diarrhea in Resource Poor Settings	Jeff Heck, MD	1.0
2:25 - 3:25 pm	Tropical Medicine Case Presentation	Greg Juckett, MD	0.75
4:00 - 4:50 pm	Sharing Point of Care Resources	Andrew Morris, MD	0.75
7:00 - 9:00 pm	Case Studies	Andrew Morris, MD	2.0
<b>Friday, April 28, 2023</b>			
8:40 - 9:40 am	Dental Diagnosis and Treatment for Physicians	Robert Meyer, DMD	1.0
9:50 - 10:50 am	Dental Diagnosis and Treatment for Physicians - continued		1.0
11:00 am - 12:00 pm	Dental Diagnosis and Treatment for Physicians - continued		1.0
1:30 - 3:00 pm	Dental Diagnosis and Treatment for Physicians - practicum		1.5
<b>TOTAL Hours</b>			<b>37.75</b>

**Disclosures** for all those in control of the content of this activity. The names of the ineligible companies (within the last 24 months) and the nature of the financial relationship(s). There is no minimum financial threshold. Disclosure of all financial relationships with ineligible companies regardless of the potential relevance of each relationship to the education.

<b>Names of the individuals with and without relevant financial relationships</b>	<b>Names of Ineligible Companies that Individuals have Relevant Financial Relationships</b>	<b>The Nature of the Relationship the Individual has With Each Ineligible Company</b>	<b>Relevant financial relationship with Ineligible companies?</b>	<b>Roles(s) in Activity</b>	<b>Steps Taken to Mitigate Relevant Financial Relationship</b>	<b>Date Implemented</b>
<b>Planners</b>						
Adkins, Ben, VP, Equip International	NONE	NONE	NO	N/A	N/A	N/A
Meyer, DMD, MAGD, ABGD Robert D.	NONE	NONE	NO	N/A	N/A	N/A
Morris, MD, Andrew	NONE	NONE	NO	N/A	N/A	N/A
Thomas, PT, Christine	NONE	NONE	NO	N/A	N/A	N/A
Barbara Snapp, CE Director	NONE	NONE	NO	N/A	N/A	N/A
Sharon Whitmer, EdD, Accreditation Officer	NONE	NONE	NO	N/A	N/A	N/A
<b>Faculty</b>				N/A	N/A	N/A
Heck, MD, Jeff E.	NONE	NONE	NO	N/A	N/A	N/A
Juckett, MD, MPH, FAAFP, R. Gregory	NONE	NONE	NO	N/A	N/A	N/A
Meyer, DMD, MAGD, ABGD Robert D.	NONE	NONE	NO	N/A	N/A	N/A
Morris, MD, Andrew J.	NONE	NONE	NO	N/A	N/A	N/A
Rash, MT, AMT, HEW Barbara	NONE	NONE	NO	N/A	N/A	N/A
Thistle, MD, FRCSC (Ob/Gyn), LL.D, Paul J.	NONE	NONE	NO	N/A	N/A	N/A
Thomas, PT, Christine	NONE	NONE	NO	N/A	N/A	N/A

The **CE Review Committee** of John Pierce, MD, Chair; Jeff Amstutz, DDS; Trish Burgess, MD; Stan Cobb, DDS; Jon R. Ewig, DDS; Gary Goforth, MD; Elizabeth Heredia, MD; Curtis High, DDS; Bruce MacFadyen, MD; Kirsten Madea, DO; Dale Michels, MD; Shawn Morehead, MD; Michael O'Callaghan, DDS; Jonathan Spenn, DMD; and Richard Voet, MD do not have any relevant financial relationships with any commercial interests.

**ALL RELEVANT FINANCIAL RELATIONSHIPS HAVE BEEN MITIGATED**