



Continuing Education, Inc
UNIVERSITY AT SEA™

Presents

**Topics in Infectious Diseases, Pharmacology and
Cannabinoid Medicine: An Interprofessional Update**

20 AMA PRA Category 1 Credits™

20 ACPE Credits

Up to 20 (part II) MOC points in medical knowledge in the American Board of Internal
Medicine's (ABIM) Maintenance of Certification (MOC) program

20.0 Contact Hours

11 Hours of Pharmacology for Nurse Practitioners

12-Night Iceland & Ireland Cruise

Rotterdam, Holland

July 07 - 19, 2023

With

Tammie Lee Demler, PharmD, BS Pharm, MBA, RPh, BCGP, BCPP

and

Michael J. Tan, MD, FACP, FIDSA

CONTINUING EDUCATION, INC.
Pharmacology and Cannabinoid Medicine: An Interprofessional Update
 July 07 - 19, 2023

Agenda

July 7, 2023	6:30pm – 7:30pm	Informal Meet and Greet – Location TBA Families and Guests invited
July 8, 2023 Educational Sessions Location TBA	Time	Topic
	9:00am – 10:00am	New antimicrobial agents and Antimicrobial prophylaxis for prevention of infective endocarditis – Dr. Tan
	10:00am – 12 Noon	Navigating challenges in patients diagnosed with mental illness: Infections, immunosuppression and medical comorbidities that complicate treatment – Dr. Demler
	12 Noon – 1:00pm	Lunch on your own
	1:00pm - 2:00pm	Confusing diagnostics in infectious diseases -Dr. Tan
	2:00pm – 3:00pm	Medical Cannabis: Clinical Considerations – Dr. Brooks
	3:00pm – 4:00pm	Jeopardy and Wrap up – Dr. Demler
July 9, 2023 Educational Sessions Location TBA	Time	Topic
	9:00am – 11:00am	Addressing the challenges of Adverse Drug Reactions; identifying, reporting and recognizing the benefits of benchmarking – Dr. Demler
	11:00am – 12 Noon	Intraabdominal infections and diverticulitis – Dr. Tan inhibitors – Dr. Tan
	12 Noon - 1:00pm	Lunch on your own
	1:00pm - 2:00pm	Skin and soft tissue infections – Dr. Tan
	2:00pm – 3:00pm	Infectious issues in patient receiving TNF – Dr. Tan
	3:00pm – 4:00pm	Jeopardy and Wrap up – Dr. Demler

Agenda continued next page

CONTINUING EDUCATION, INC.
Pharmacology and Cannabinoid Medicine: An Interprofessional Update
 July 07 - 19, 2023

Agenda continued

July 10, 2023	No Events Today	
July 11, 2023	5:30pm – 6:30pm	Networking and Case Discussions – Location TBA
July 12, 2023	No Events Today	
July 13, 2023	5:30pm – 6:30pm	Networking and Case Discussions – Location TBA
July 14, 2023 Educational Sessions Location TBA	Time	Topic
	8:30am – 9:30am	<i>C difficile</i> and other diarrheas – Dr. Tan
	9:30am – 11:30am	Clinical update on high alert medications, Beers list, FDA boxed warnings and drug-drug interaction refresher – Dr. Demler
	11:30am – 12:30pm	Infectious risks in international travelers – Dr. Tan
July 15, 2023	9:00am – 10:00am	Networking and Case Discussions – Location TBA
July 16, 2023	6:30pm – 7:30pm	Networking and Case Discussions – Location TBA
July 17, 2023	9:00am – 10:00am	Networking and Case Discussions – Location TBA
July 18, 2023 Educational Sessions Location TBA	Time	Topic
	8:30am – 9:30am	Infectious Disease image review and word association – Dr. Tan
	9:30am – 10:30am	How to Authorize Medical Cannabis and Case Studies – Dr. Brooks
	10:30am – 11:30am	Our experience with CoV2 – Dr. Tan
	11:30am – 12:30pm	Jeopardy and Wrap up – Dr. Demler
July 19, 2023	Have a Safe Trip Home	

CONTINUING EDUCATION, INC.
Pharmacology and Cannabinoid Medicine: An Interprofessional Update
July 07 - 19, 2023

Faculty

Tammie Lee Demler, PharmD, BS Pharm, MBA, RPh, BCGP, BCPP

Recipient of the "2019 Teacher of the Year Award" State University of New York at Buffalo - School of Pharmacy and Pharmaceutical Sciences; Winner of the "2019 Niagara Education Award of the YWCA of the Niagara Frontier"

Clinical Associate Professor, The State University of New York at Buffalo School of Pharmacy and Pharmaceutical Sciences; Clinical Assistant Professor, University at Buffalo School of Medicine, Department of Psychiatry, D'Youville College School of Pharmacy; University of Florida College of Pharmacy; Clinical Pharmacist and Pharmacy Practice Residency Program Director, New York State Office of Mental Health, Buffalo, New York

Tammie Lee Demler received her Doctor of Pharmacy, Master of Business Administration, and Bachelor of Science degrees at the State University of New York (SUNY) at Buffalo.

Dr. Demler is a dually Board-Certified Specialist in both Psychiatric and Geriatric Pharmacy and is currently the Director of Pharmacy Services and Pharmacy residency training at the New York State Office of Mental Health (OMH) at the Buffalo Psychiatric Center.

She holds numerous academic appointments, including Clinical Associate Professor for SUNY Buffalo School of Pharmacy and Pharmaceutical Sciences, Clinical Assistant Professor at SUNY School of Medicine Department of Psychiatry, D'Youville College School of Pharmacy, University of Florida School of Pharmacy, and Clinical Instructor for the Erie County Community College Pharmacy Technician Certification Program.

She collaborates with both the National Association of the Boards of Pharmacy (NABP) and the Board of Pharmaceutical Specialties (BPS) to develop board examinations that establish the minimum competencies expected for new practitioners for practice in an ever-changing clinical environment.

Dr. Demler has authored and co-authored numerous original research articles and expert reviews for print media. She is a regular contributor to U.S. Pharmacist and reviewer for Pharmacist's Letter.

Prior to launching Pharmacotherapeutics for Advanced Nursing Practice, Dr. Demler authored a chapter on insomnia in the American College of Clinical Pharmacy's (ACCP's) Ambulatory Care Self-Assessment. She also has provided expert pharmacotherapeutic consultation for other books such as the Side Effects of Drugs: Annual Volume 36 and Clinical Consult to Psychiatric Nursing for Advanced Practice. She has presented medication continuing education programs internationally and nationally and is an Academic Educator for the New York State Medicaid Prescriber Education program sponsored by the New York Department of Health.

Dr. Demler served as President of both the Pharmacists Society of the State of New York and the Pharmacists Association of Western New York. Dr. Demler is also a local media personality, hosting her own weekly TV talk show as well as a weekly community affairs radio segment. She has won a number of prestigious national, state, and local awards acknowledging both her professional and community-based contributions.

Michael J. Tan, MD, FACP, FIDSA: Summa Health Medical Group Infectious Diseases
Professor of Internal Medicine, Northeast Ohio Medical University (NEOMED)

Michael J. Tan, MD is Professor of Internal Medicine at Northeastern Ohio Medical University (NEOMED) in Rootstown, Ohio. At NEOMED, he is co-course director of the Infection and Immunity Course and Vice-Chair of the Infectious Disease Section of the Principles of Medicine Course. Dr. Tan is Lead Physician for Summa Health Medical Group-Infectious Disease at Summa Health in Akron, Ohio where he is also Clinical Physician, Infectious Diseases and HIV as well as Medical Director for the Summa Health Clinical Research Center.

CONTINUING EDUCATION, INC.
Pharmacology and Cannabinoid Medicine: An Interprofessional Update
July 07 - 19, 2023

Dr. Tan is board certified in infectious disease and internal medicine. He obtained his medical degree from the Northeastern Universities College of Medicine (now NEOMED) and completed his residency training at Summa Health System. He then completed a fellowship in Infectious Disease at the University of South Florida, Tampa, FL.

Dr. Tan is a Fellow of the American College of Physicians (ACP) and Fellow of the Infectious Diseases Society of America (IDSA). He is Regent for the American College of Physicians and immediate past-Governor for the Ohio Chapter of the ACP.

Dr. Tan's primary research interests include participation in multi-centered controlled trials of new and novel treatments for Clostridium difficile infection, skin and soft tissue infection, and pneumonia. He is co-editor of Tan JS, File TM Jr., Salata RA, Tan MJ (eds.) Expert Guide to Infectious Diseases, 2nd edition (2008, ACP Press) and Rosenthal KS and Tan MJ (eds.) Rapid Review Microbiology and Immunology 3rd edition (2010, Mosby). Dr. Tan is listed in Best Doctors in America (2010 to present).

Marni Brooks, BSc, MSW, MD, CCFP, FCFP, Staff Physician, New York General Hospital, Toronto, Ontario, Canada; Chair, Ontario Medical Association Medical Interest Group in Cannabinoid Medicine

Dr. Marni Brooks began her education at McGill university where she completed her Bachelor of Science degree, majoring in psychology and focused her thesis in the area of pediatric pain. She was then sponsored by a physician in Sydney, Australia to assist in his pediatric pain research.

Upon her return to Canada, she completed a Master of Social Work degree where she spent years of training studying women's health and addiction as field placements. Her interest in addiction continued after she completed her medical degree and family medicine residency at the University of Toronto.

She is now a Fellow in Family Medicine and, until now, has explored working in the areas of family medicine, sleep medicine, addiction medicine and cannabinoid medicine. Dr. Brooks also sat on the OMA Executive of the Section on Addiction Medicine for nearly a decade where she assisted with negotiations with the Ministry of Health on behalf of the members in her section. Most recently, she founded and is the Chair of the OMA Medical Interest Group in Cannabinoid Medicine, the first such group in the country.

Dr. Brooks currently focuses her work in Cannabinoid Medicine, her two main interests. She hopes to help educate her peers, the community and patients, as well as advocate for them, on the benefits of cannabis for a variety of health conditions, either as sole therapy or in conjunction with other treatments. Other experiences in Cannabinoid Medicine include speaking on the Northwinds panel for insurance providers and acting as an expert witness on the safety and medical uses of cannabis in a sentencing hearing.

CONTINUING EDUCATION, INC.
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July 07 - 19, 2023

Disclosures

Continuing Education, Inc., seeks to ensure balance, independence, objectivity and scientific rigor in all of its sponsored educational activities. CEI has no relationships with the manufacturers of products or devices discussed in these presentations. None of the planners of this educational activity has any relevant financial relationships to disclose.

Speakers participating in CME programs are asked to disclose any involvement with commercial organizations and their responses are indicated below. In addition, any unlabeled or investigational uses of pharmaceuticals or equipment must be identified to participants during presentations. The existence of commercial relationships does not prevent speakers from making presentations. The intent of this CEI policy is consistent with requirements of the Accreditation Council for CME and is designed to provide complete information to the audiences. Participants must make their own judgments about the content of presentations in light of these disclosures and determine if possible bias or misrepresentation has occurred.

Faculty members further affirm (1) that all recommendations involving clinical medicine given during presentations are based upon evidence that is accepted within the profession of medicine for the care of patients, (2) that any scientific research referred to in support or justification for a patient care recommendation conforms to the generally accepted standards of experimental design, data collection and analysis, and (3) that they will not present recommendations, treatments or manners of practicing medicine that are not within the definition of CME, or are known to have risks or dangers that outweigh the benefits, or are known to be ineffective in the treatment of patients.

Marni Brooks, BSc, MSW, MD, CCFP, FCFP

Dr. Brooks has reported no relationships with ineligible companies and has agreed to identify any off-label or investigational uses of pharmaceuticals or equipment referenced during all presentations.

Tammie Lee Demler, PharmD, BS Pharm, MBA, RPh, BCGP, BCPP

Dr. Demler has reported no relationships with ineligible companies and has agreed to identify any off-label or investigational uses of pharmaceuticals or equipment referenced during all presentations.

Michael J. Tan, MD, FACP, FIDSA

Dr. Tan has reported no relationships with ineligible companies and has agreed to identify any off-label or investigational uses of pharmaceuticals or equipment referenced during all presentations.

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Accreditation Statements

Joint Accreditation

In support of improving patient care, Continuing Education, Inc./University at Sea™ 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.

Physicians

Designation: Continuing Education, Inc. designates this live activity for a maximum of 20 *AMA PRA Category 1 Credit(s)*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Pharmacists

Designation: Continuing Education, Inc. designates this live activity for a maximum of 20 ACPE Credits.

Nurses

Designation: Nurses completing this educational activity will receive a maximum of 20 contact hours.

This activity provides 11 hours of pharmacology for nurse practitioners

ABIM MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 16 (part II) MOC points in medical knowledge 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.

Disabilities among participants

Continuing Education, Inc., and Celebrity Cruises do not discriminate against persons on the basis of disability and seek to accommodate, to the extent possible, the special needs of persons with disabilities. Travelers need to be aware, however, that certain land and shore facilities may not be fully accessible to disabled persons. Special medical, physical or other requirements must be identified at the time of booking. The CEI Activity Coordinator accompanying this program will provide assistance for participants and liaison with the ship's company.

Topics and Objectives

This educational activity will provide guidance to improve the diagnosis, prevention, and treatment of infectious diseases. This interprofessional activity includes clinical topics, updated guidelines, and pharmacological principals and practice. Learners will leave this activity with new skills and strategies to work with the interprofessional healthcare team to prevent and improve outcomes in patients. Interactive learning will include photo-based quizzes and Jeopardy-style games.

- **New antimicrobial agents and antimicrobial prophylaxis for prevention of infective endocarditis**
 - Utilize up-to-date information regarding indications and usage of new antimicrobials
 - Develop a reasoned approach to considering antimicrobial prophylaxis per American Heart Association guidelines
- **Confusing diagnostics in infectious diseases**
 - Discuss how infectious disease tests are reported
 - Appropriately use and interpret some newer molecular tests for infectious diseases
- **Intraabdominal infections and diverticulitis**
 - Describe the approach to intraabdominal infections and select appropriate antimicrobial therapy
- **Infectious issues in patient receiving TNF inhibitors**
 - Review mechanism of action of TNF-alpha inhibitors. List infections associated with these agents
- **Skin and soft tissue infections**
 - Recite common pathogens associated with skin infections
 - Utilize appropriate antimicrobial therapy based on exam
- **C difficile and other diarrheas**
 - Recite common challenging aspects of treating diarrhea in the era of C difficile infection
- **Infectious risks in international travelers**
 - Recite commonly encountered diseases associated with international travel
 - Identify necessary items to bring for international travel
- **Infectious Disease image review and word association**
 - Recall specific infectious diseases based on keywords and/or images
- **Our experience with CoV2**
 - Understand presentations for covid 19 as well as inpatient and outpatient treatment strategies, and vaccine indications
- **Navigating challenges in patients diagnosed with mental illness: Infections, immunosuppression and medical comorbidities that complicate treatment**
 - Describe the challenges associated with managing patients diagnosed with mental illness
- **Addressing the challenges of Adverse Drug Reactions; identifying, reporting and recognizing the benefits of benchmarking**
 - Identify the challenges of ADR reporting
 - Improve understanding among clinicians about the importance of reporting adverse effects in patients under their care
- **Clinical update on high alert medications, Beers list, FDA boxed warnings and drug-drug interaction refresher**
 - Identify the challenges using high alert medications
 - Apply clinical pearls to improve medication safety in patients diagnosed with mental illness
- **Medical Cannabis: Clinical Considerations**
 - Review of the endocannabinoid system and how the medical cannabis system has evolved
 - Recognize when medical cannabis is appropriate as a therapeutic option
- **How to Authorize Medical Cannabis and Case Studies**
 - Understand how to authorize/prescribe medical cannabis and apply the knowledge gained to real cases