



Continuing Education, Inc
UNIVERSITY AT SEA™

Presents

**Cardiology, Internal Medicine, Mass Casualty and
Disaster Management**

14 AMA PRA Category 1 Credits™

14 ACPE Credits

Up to Up to 14 (part II) MOC points in medical knowledge in the American Board of
Internal Medicine's (ABIM) Maintenance of Certification (MOC) program

3 Hours of Pharmacology for Nurse Practitioners

14.0 Contact Hours

Civitavecchia, Italy

June 20 - 27, 2024

with

Miklosh Bala, MD

and

Nihar R. Desai, MD, MPH

Continuing Education, Inc.
Cardiology, Internal Medicine, Mass Casualty and Disaster Management
June 20 – 27, 2024

Thursday, June 20, 2024	5:30pm - 6:30pm	Meet and Greet, Families and Guests Invited
Friday, June 21, 2024	No Events Today	
Saturday, June 22, 2024 Serenade Conference Room Conference Center Deck 3	Time	Topic
	8:30am – 10:30am	Overview of Mass Casualty Incidents (MCI) – Dr. Bala
	10:30am – 11:30am	Management of Heart Failure – Dr. Desai
	11:30am – 12:30pm	Optimizing Management of LDL for Primary & Secondary Prevention – Dr. Desai
	12:30pm – 1:30pm	Lunch on your own
	1:30pm - 2:30pm	Pre-Hospital MCI Management – Dr. Bala
	2:30pm – 3:30pm	MCI in natural -induced and man-made disasters: Management process – Dr. Bala
	3:30pm – 4:30pm	Contemporary Approach to Triglycerides, HDL-C, and Lipoprotein(a) – Dr. Desai
Sunday, June 23, 2024	5:30pm – 6:30pm	Networking and Case Discussions, Vintages, Deck 8
Monday, June 24, 2024	5:30pm – 6:30pm	Networking and Case Discussions, Vintages, Deck 8
Tuesday, June 25, 2024 Serenade Conference Room Conference Center Deck 3	Time	Topic
	8:30am – 10:30am	Prevention of Cardiovascular Disease -- Focus on Cardiometabolic Therapies – Dr. Desai
	10:30am – 11:30am	Non-Conventional Disasters – Dr. Bala
	11:30am – 12:30pm	Ethical Challenges, Dilemmas and PTSD – Dr. Bala
	12:30pm – 1:30pm	Lunch on your own
	1:30pm - 2:30pm	Management of Valvular Heart Disease and Atrial Fibrillation – Dr. Desai
	2:30pm – 3:30pm	Clinical Cases in Cardiology – Dr. Desai
	3:30pm – 4:30pm	Translating COVID-19 pandemic surge to MCI surge – Dr. Bala
Wednesday, June 24, 2024	No Events Today	
Thursday, June 25, 2024	Have a Safe Trip Home!	

Continuing Education, Inc./University at Sea™ • 800-422-0711 • www.ContinuingEducation.NET

Faculty

Miklosh Bala, MD: General and Trauma Surgeon, Department of General Surgery, Hadassah Hebrew University Hospital, Jerusalem, Israel

Dr. Bala Miklosh is a Director of Trauma and Acute care Surgery Unit and senior surgeon of Department of General Surgery of Hadassah Medical Center in Jerusalem, Israel. Residency in General Surgery in Hadassah Medical Center. Fellowship in Trauma and Surgical Critical Care in Baltimore, MD. Active member of EAST, AAST and ESTES. Currently work as a leading surgeon in Acute Care Surgery and Trauma and chief consultant for surgery in ICU. Member of trauma committee of Israeli Trauma Association.

Dr. Bala's clinical and research experience in trauma care started in 2001 while he was a second year surgical resident at the Hadassah Medical Center and was first exposed to trauma surgery. Since then trauma surgery has become a major topic of his investigations and a main subspecialty.

During his period of residency in general surgery at Hadassah Medical Center, he took care of and was involved in the management of hundreds of casualties that arrived at our Trauma Center following terrorist attacks. On the basis of his experiences, he helped to first introduce the civilian protocol for the management of mass casualty incidents MCIs and showed his team's high success rate in saving life by fully utilizing the limited resources available in civilian hospitals. He was able to summarize this experience in a number of recently published papers relating to different aspects of MCI management, for the first time assessed in terms of ICU need and blood use during the MCI (Published in Injury and European Journals). He summarized his data from hundreds of victims suffering from post traumatic stress disorder (PTSD) related to terrorist attacks in an article published in the Journal of Trauma.

Collection of this data is an ongoing project, for which he works in close collaboration with a psychological group in his hospital. The importance of these studies has been demonstrated in real-time and he have been invited as an expert speaker and guest lecturer to a number of teaching courses and conferences around the world.

Lastly, he is active in National Homeland Security committee for disaster preparedness, where he works on preparedness for earthquake and chemical disaster on hospital and national levels.

Other topics of special interest: Trauma surgery and surgical critical care and Education in surgery and trauma

Nihar R. Desai, MD, MPH: Associate Professor of Medicine, Yale School of Medicine; Associate Chief, Section of Cardiovascular Medicine; Investigator, Center for Outcomes Research and Investigation, New Haven, CT

Nihar R. Desai, MD, MPH is an Associate Professor of Medicine and Associate Chief of the Section of Cardiovascular Medicine at Yale University School of Medicine, an Investigator at the Center for Outcomes Research and Evaluation, and Medical Director for Value Innovation at the Yale New Haven Health System Heart and Vascular Center. His interests focus on cardiovascular health services and comparative effectiveness research, examining patterns of care, identifying opportunities to improve clinical outcomes, and evaluating the impact of novel care delivery systems on cost and quality. In addition, he serves as a clinical consultant on the CMS acute myocardial infarction, heart failure, and coronary artery bypass graft surgery readmission and mortality measures. He graduated with highest honors from Lehigh University before completing an internship in the Clinton White House. He then attended the University of Connecticut School of Medicine where he received his Doctorate in Medicine and the Harvard School of Public Health where he received his Master's in Public Health. Dr. Desai completed his residency training in Internal Medicine as well as his clinical fellowship in Cardiovascular Medicine at Brigham and Women's Hospital and Harvard Medical School. He then completed a research fellowship at the TIMI Study Group with Dr. Eugene Braunwald. His scholarly work has been published in New England Journal of Medicine, Journal of the American Medical Association, Circulation, and the Journal of the American College of Cardiology.

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 14 *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 14 ACPE Credits.

Nurses

Designation: Nurses completing this educational activity will receive a maximum of 14 contact hours.

This activity provides 4 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 14 (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 Royal Caribbean 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.

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 (ineligible companies) and ~~the~~ 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 the 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.

Miklosh Bala, MD

Dr. Bala 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.

Nihar R. Desai, MD, MPH

Dr. Desai 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.

Topics and Objectives

- **Overview of Mass Casualty Incidents (MCI)**
 - Determine the general factors relevant in an MCI, be familiar with the definition and goals of terrorism, the history of terrorist attacks, and the other most common types of disasters
- **Pre-Hospital MCI Management**
 - Identify priorities (TRIAGE/SORT) of field and early hospital management
 - Discuss the function and structure of pre-hospital triage and Incident Command
 - Discuss their own management system and together we will determine strategies
- **MCI in natural -induced and man-made disasters: Management process**
 - Discuss the basic principles of how to treat different injuries in a mass casualty situation where you might possibly have 20-50 injured or more in your hospital at the same time
 - Analyze the gaps in equipment, personnel, and surge capacity in order to return to hospitals to update personnel
- **Non-Conventional Disasters**
 - Describe anticipated radiological, nuclear, chemical and biological scenarios
 - Be familiar with the terms and concepts that are unique to the medical management of mass casualties, including triage, surge capacity, decontamination, and critical mortality
- **Ethical Challenges, Dilemmas and PTSD**
 - Assess methods for psycho-emotional support and care of disaster casualties, their families, and responders
 - Consider personal experiences and lessons learned as well as results from longitudinal research studies investigating medical teams in Israel
- **Translating COVID-19 pandemic surge to MCI surge**
 - Apply the lessons learnt from the COVID-19 pandemic and at the cost of millions of lives lost to be better prepared for future pandemics
- **Management of Heart Failure**
 - Apply evidence-based therapies for patients with heart failure with reduced and preserved ejection fraction
- **Optimizing the Management of LDL-Cholesterol for Primary and Secondary Prevention**
 - Improve evidence-based cholesterol management for primary and secondary prevention.
- **Moving Beyond LDL-C: Contemporary Approach to Triglycerides, HDL-C, and Lipoprotein(a)**
 - Apply updated evidence to optimize management of HDL-C, Triglycerides and Lp(a)
- **Prevention of Cardiovascular Disease -- Focus on Cardiometabolic Therapies**
 - Understand and apply SGLT2 inhibitors and GLP1 RA in clinical practice.
- **Management of Valvular Heart Disease and Atrial Fibrillation**
 - Understand the role of valvular intervention and apply evidence regarding anticoagulation in patients with atrial fibrillation.
- **Clinical Cases in Cardiology**
 - Familiarize yourself with common clinical scenarios for risk stratification, management of heart failure, valvular disease