

Program

MIRCIM 2025

McMaster International
Review Conference
of Internal Medicine

10TH EDITION

ICE CONGRESS CENTRE
MARII KONOPNICKIEJ 17
KRAKÓW, MAŁOPOLSKA, POLAND




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Day 1

Thursday, May 8, 2025



Auditorium Hall (S1)		Theatre Hall (S2)		Chamber Hall (S3)		
				SESSION II Medical Education Forum 		
				PART 1 <i>In collaboration with the UEMS and Society of Bedside Medicine</i>		
				Welcome and introduction 8:00-8:10		
				Reinvigorating the bedside exam: Strategies to improve the teaching and assessment of bedside clinical skills Prof. Brian T. Garibaldi (Center for Bedside Medicine, Northwestern University Feinberg School of Medicine, USA) 8:10-8:30		
All times in CEST (UTC+2)	SESSION III Artificial Intelligence in Medicine 2025 		SESSION I Young Talents in Internal Medicine World Contest Finals 		How to effectively teach at the bedside during rounds Dr. Timothy Niessen (Johns Hopkins University School of Medicine, USA) 8:30-8:50	
	9:00-9:10	Introduction Prof. Bartłomiej W. Papież (Big Data Institute, University of Oxford, UK)		Welcome and introduction		From traditional into digital lectures: Risks and benefits Prof. Przemko Kwinta (Jagiellonian University Medical College, Poland) 8:50-9:10
9:10-9:30	PART 1 From data to bedside: Using big data to develop AI tools for medicine		PART 1 10 presentations with Q&As and commentaries		European CME/CPD and UEMS, European Union of Medical Specialist Prof. Hannu Halila (University of Helsinki, Finland) 9:10-9:30	
	Will the European Health Data Space (EHDS) contribute to the AI revolution? Dr. Andrzej Ryś (Principal Scientific Advisor, DG SANTE, European Commission, Belgium; EHDS co-creator)					


Auditorium Hall (S1)		Theatre Hall (S2)	Chamber Hall (S3)	
9:30-9:50	Clinical AI: Curiosity, or cure? Jonny Hancox (Senior Data Scientist, NVIDIA, UK)		Medical education program reconstruction for an active learning, competency-based, excellence-driven (ACE) curriculum Prof. Isaac Opole (American College of Physicians, USA)	9:30-9:50
9:50-10:10	AI in cardiothoracic imaging: Ready for clinical implementation? Prof. Rozemarijn Vliegenthart (University of Groningen, the Netherlands)		Questions & Answers All speakers	9:50-10:10
10:10-10:30	Pig in a poke? Unpacking the promise and pitfalls of foundation models in healthcare Prof. Bartłomiej W. Papież (Big Data Institute, University of Oxford, UK)		<i>Refreshment break</i>	
10:30-10:50	<i>To be announced</i>		PART 2 From the battlefield to the bedside: Practical lessons to enhance medical education	10:30-10:50
			From the battlefield to the classroom: Training and logistical gaps identified in Ukraine Prof. John Quinn (University of Liverpool, UK)	10:30-10:50
10:50-11:40	Questions & Answers All speakers	<i>Refreshment break</i>	Individual and team training programs in the military that lead to high-performing clinicians and teams Prof. Anthony LaPorta (Rocky Vista University, USA)	10:50-11:10
			Adapting the military experience into civilian training: Case studies and a vision for the future Prof. Michael Czekajlo (Virginia Commonwealth University Health, USA)	11:10-11:30
11:40-12:00	<i>Refreshment break</i>		Prepare the best for the worst: Implementing battlefield experience into the medical school curriculum Dr. Tomasz Sanak (Jagiellonian University Medical College, Poland)	11:30-11:50
		PART 2 10 presentations with Q&As and commentaries	Challenges in medical education for future armed conflict: Standardized training in non-standardized environment Dr. Anita Podlasin (Military Medical Training Center in Lodz, Poland)	11:50-12:10
12:00-13:00	Hands-on workshops for AI tools developers and practitioners		Questions & Answers All speakers	12:10-13:00
13:00-14:00	LUNCH BREAK			
PART 2: Humans and AI view on healthcare: For users of AI tools				

Auditorium Hall (S1)		Theatre Hall (S2)	Chamber Hall (S3)
14:00-14:20	<p>Regulatory ecosystem for the AI-enabled medical devices: A brief summary for clinicians Prof. Piotr Szymański (Chairman, Regulatory Affairs Committee of the European Society of Cardiology, Poland)</p>		
14:20-14:40	<p>Primum non nocere, secundum simulare! The ethical imperative of in silico evidence in the digital era Prof. Alejandro F. Frangi (University of Manchester, UK)</p>		
14:40-15:00	<p>Friend or foe? Navigating human-AI interactions in clinical practice Prof. Bartłomiej W. Papież (Big Data Institute, Oxford University, UK)</p>		
15:00-15:20	<p>How to evaluate the impact of AI-assisted tools on the diagnostic accuracy of front-line clinicians Prof. Alex Novak (Oxford University Hospitals, UK)</p>		
15:20-15:40	<p>Challenges with integrating AI into clinical workflows Prof. Dan Perri (McMaster University, Canada)</p>		
15:40-16:00	<p>Integration of AI in medical education Prof. Sameer Shaikh (McMaster University, Canada)</p>		
16:00-16:20	<p>Empathy, trust and AI in healthcare: The future of healthcare provision? Prof. Angeliki Kerasidou (University of Oxford, UK)</p>		
16:20-17:00	<p>Questions & Answers All speakers</p>		
17:00-17:20	<i>Refreshment break</i>		
17:20-18:30	<p>Hands-on workshops for AI tools developers and practitioners</p>		
19:30-20:15	<p>OPENING CEREMONY Opening lecture: Evidence-based medicine: Past, present, future Prof. Gordon Guyatt (McMaster University, Canada)</p>		

Day 2

Friday, May 9, 2025

Auditorium Hall (S1)		Theatre Hall (S2)
All times in CEST (UTC+2)		
9:00-9:10	Welcome and introduction	
9:10-9:30	Opening lecture: To do or not to do? Clinical practices we do for no reason Prof. Isaac Opole (American College of Physicians, USA)	
SESSION IV McMaster Annual Update in Cardiology <i>In collaboration with the Polish Cardiac Society</i> 		
PART 1		
9:30-9:50	Management of chronic coronary syndromes: How the latest ESC guidelines change practice Prof. Vijay Kunadian (Newcastle University, UK)	
9:50-10:10	Current invasive approach to acute coronary syndromes Prof. Sanjit Jolly (McMaster University, Canada)	
10:10-10:30	Perioperative cardiovascular management of patients undergoing noncardiac surgery Prof. P.J. Devereaux (McMaster University, Canada)	
10:30-10:50	Chronic heart failure: 2025 update Prof. Piotr Ponikowski (Wroclaw Medical University, Poland)	
10:50-11:20	Questions & Answers All speakers	
11:20-11:40	Refreshment break	SESSION VI McMaster Annual Update in Rheumatology 
PART 2		PART 1




Auditorium Hall (S1)		Theatre Hall (S2)
11:40-12:00	Non-invasive management of peripheral arterial and aortic diseases: An overview of ESC guidelines Prof. Victor Aboyans (University of Limoges, France)	Disease stratification, personalised medicine and treatment advances in rheumatology: Parallels with other conditions Prof. Bhaskar Dasgupta (Anglia Ruskin University, UK)
12:00-12:20	Current invasive modalities in the management of peripheral arterial and aortic diseases Prof. Raphaël Coscas (University of Versailles Saint-Quentin-en-Yvelines, France)	Rheumatoid arthritis stratified management Prof. Ernest Choy (Cardiff University School of Medicine, UK)
12:20-12:40	Venous thromboembolism: 2025 update Prof. James Douketis (McMaster University, Canada)	Systemic lupus erythematosus stratified management Prof. Frédéric Houssiau (University of Louvain, Belgium)
12:40-13:00	Cardio-kidney-metabolic (CKM) syndrome: Risk factors and management principles Prof. Nandini Chatterjee (Institute of Post-Graduate Medical Education & Research, India)	ANCA vasculitis stratified management Prof. Christian Pagnoux (University of Toronto, Canada)
13:00-13:20	Questions & Answers All speakers	Questions & Answers All speakers
13:20-14:10	LUNCH BREAK	
	PART 3	PART 2
14:10-14:30	Management of atrial fibrillation: Current strategies according to the latest ESC practice guidelines Prof. Ruben Casado Arroyo (Université libre de Bruxelles, Belgium)	Systemic sclerosis stratified management Prof. Maggie Larché (University of Calgary, Canada)
14:30-14:50	Anticoagulation in patients with atrial fibrillation Prof. Dimitri Richter (Athens Euroclinic Hospital, Greece)	Axial spondyloarthritis stratified management Prof. Elena Nikiphorou (King's College London, UK)
14:50-15:10	Electrotherapy in cardiac arrhythmias: 2025 update for everyday clinical practice Prof. Josef Kautzner (Palacký University Medical School, Czechia)	Psoriatic arthritis stratified management Prof. Laura Coates (University of Oxford, UK)
15:10-15:30	Update on cardiopulmonary resuscitation 2025 Prof. Bernd W. Böttiger (University of Cologne, Germany)	CPPD deposition and other crystal arthropathies stratified management Prof. Geraldine McCarthy (University College Dublin, Ireland)
15:30-15:50	Questions & Answers All speakers	Questions & Answers All speakers
15:50-16:10	<i>Refreshment break</i>	
	SESSION V Pulmonology	 PART 3

Auditorium Hall (S1)		Theatre Hall (S2)
16:10-16:30	Pulmonary physiology: What clinicians (still) need to know Prof. John Kolbe (University of Auckland, New Zealand)	Still's disease stratified management Prof. Lorenzo Dagna (Vita-Salute San Raffaele University, Italy)
16:30-16:50	Asthma management: GINA 2025 update Prof. Arzu Yorgancıoğlu (Manisa Celal Bayar University, Turkey)	Polymyalgia and giant cell arteritis stratified management Prof. Bhaskar Dasgupta (Anglia Ruskin University, UK)
16:50-17:10	COPD management: Key messages from GOLD 2025 guidelines Prof. Jadwiga Wedzicha (Imperial College London, UK)	Fibromyalgia stratified management Prof. Jacob Ablin (Tel Aviv University Faculty of Medical and Health Sciences, Israel)
17:10-17:30	Incidental findings from low dose CT screening for lung cancer: When to worry Prof. Julian Dobranowski (McMaster University, Canada)	Questions & Answers All speakers
17:30-18:00	Questions & Answers All speakers	

Day 3

Saturday, May 10, 2025

Auditorium Hall (S1)		Theatre Hall (S2)	Chamber Hall (S3)
All times in CEST (UTC+2)	SESSION VII Gastroenterology	SESSION VIII Infectious Diseases	
	9:00-9:20	Diverticular disease of the colon: Current management Prof. Paul Moayyedi (McMaster University, Canada)	Dengue and other vector-borne febrile infections: Differential diagnosis pitfalls Prof. Soma Iqtadar (King Edward Medical University, Pakistan)
	9:20-9:40	Irritable bowel syndrome: How to adjust treatment depending on symptoms and co-morbid conditions Prof. Jan Tack (KU Leuven, Belgium)	Highly pathogenic avian influenza (H5N1): An update Prof. Mark Loeb (McMaster University, Canada)
	9:40-10:00	GI cancer prevention: From evidence to practice Prof. Janusz Jankowski (University College London, UK)	Acute diagnosis and management of pneumonia Prof. Brian T. Garibaldi (Center for Bedside Medicine, Northwestern University Feinberg School of Medicine, USA)
			WORKSHOPS 9:00-17:00 Point-of-care rheumatology ultrasound (POCRUS): A scenario-based workshop

	Auditorium Hall (S1)	Theatre Hall (S2)	Chamber Hall (S3)
10:00-10:20	Metabolic dysfunction-associated steatotic liver disease (MASLD): Current management according to the EASL–EASD–EASO 2024 guidelines Prof. Hannele Yki-Järvinen (University of Helsinki, Finland)	Management of bloodstream infections Prof. Nishma Singhal (McMaster University, Canada)	Prof. Bhaskar Dasgupta (Anglia Ruskin University, UK) Dr. Anna Ciechomska (Glasgow Royal Infirmary, UK)
10:20-10:50	Questions & Answers All speakers	Questions & Answers All speakers	Dr. Anetta Chrzanowska (J. Dietl Specialist Hospital, Kraków, Poland) Dr. Monika Krężelok (J. Dietl Specialist Hospital, Kraków, Poland)
10:50-11:10	<i>Refreshment break</i>		
	SESSION IX Nephrology and Hematology 	SESSION X The Multimorbid Patient <i>Session under the auspices of the European Federation of Internal Medicine</i> 	
11:10-11:30	Nephrology update 2025: Advances relevant to everyday clinical practice Prof. Jürgen Floege (RWTH Aachen University, Germany)	Identification and management of osteosarcopenia Prof. Julija Voicehovska (Rīga Stradiņš University, Latvia)	Details and registration: my.ebm.one/workshops#pocrus
11:30-11:50	Management of nephrological and hematological complications of pregnancy Prof. Serena Gundy (McMaster University, Canada)	Osteosarcopenia: a new geriatric syndrome? The logic of the pathophysiological substrate Dr. Annette Kurrle (University of Mainz, Germany)	
11:50-12:10	Cancer-associated thrombosis: Current management Prof. James Douketis (McMaster University, Canada)	Managing complex multimorbidity cases: Lessons from personal experience Prof. Rebecca W. Opole (University of Kansas School of Medicine, USA)	
12:10-12:30	Questions & Answers All speakers	Questions & Answers All speakers	
12:30-13:10	LUNCH BREAK		
13:10-13:30	Young Talents Award Ceremony		
	SESSION XI McMaster Annual Update in Diabetology & Endocrinology <i>Under the auspices of the European Association for the Study of Diabetes</i> <i>In collaboration with Diabetes Poland</i> 		
	Part 1		
13:30-13:50	Diabetes treatment algorithm of the joint ADA and EASD guidelines: 2025 update Prof. Melanie Davies (University of Leicester, UK)		

Auditorium Hall (S1)		Theatre Hall (S2)	Chamber Hall (S3)
13:50-14:10	Precision medicine in diabetes management Prof. Marie Pigeyre (McMaster University, Canada)		WORKSHOPS 9:00-17:00
14:10-14:30	GLP-1 receptor agonists in type 2 diabetes mellitus and other diseases: A summary of study results and practical tips for the physician Prof. Tina Vilsbøll (University of Copenhagen, Denmark)		Point-of-care rheumatology ultrasound (POCRUS): A scenario-based workshop
14:30-14:50	Modern treatment of obesity: How incretin-based therapies have changed the options for effective treatment Prof. Martin Haluzík (Charles University, Czechia)		Prof. Bhaskar Dasgupta (Anglia Ruskin University, UK) Dr. Anna Ciechomska (Glasgow Royal Infirmary, UK)
14:50-15:20	Questions & Answers All speakers		Dr. Anetta Chrzanowska (J. Dietl Specialist Hospital, Kraków, Poland) Dr. Monika Krężelok (J. Dietl Specialist Hospital, Kraków, Poland)
15:20-15:40	<i>Refreshment break</i>		
Part 2			
15:40-16:00	Glucose and HbA1c tests: From diagnosing diabetes to modern diabetes monitoring Prof. Leszek Czupryniak (Medical University of Warsaw, Poland)		Details and registration: my.ebm.one/workshops#pocrus
16:00-16:20	How to diagnose thyroid diseases wisely and avoid unnecessary tests Prof. Ally Prebtani (McMaster University, Canada)		
16:20-16:40	Male hypogonadism: When to suspect, how to diagnose and treat? Prof. Nadia Sawicka-Gutaj (Poznan University of Medical Sciences, Poland)		
16:40-17:00	Questions & Answers All speakers		