

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> All times in CEST (UTC+2)
		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	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	9:10-9:30

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Program version: 29 April 2025



Auditorium Hall (S1)		Theatre Hall (S2)	Chamber Hall (S3)
9:30- 9:50	Will the European Health Data Space (EHDS) contribute to the AI revolution? Dr. Andrzej Ryś (former Director for Health Systems, Medical Products and Innovation, DG SANTE, European Commission, Belgium; EHDS Co-creator)	A 57-year-old welder with altered liver biochemistry and Kaposi's sarcoma: A rare case with a unifying hypothesis Dr. Maia Agostina Lepore, Italy	European CME/CPD and UEMS, European Union of Medical Specialist Prof. Hannu Halila (University of Helsinki, Finland)
	Clinical AI: Curiosity, or cure? Dr. Mikael Brudfors (Senior Solution Architect, NVIDIA, UK)	Pulmonary edema - not just a cardiological diagnosis Dr. Anna Ūrgeová, Slovakia	Medical education program reconstruction for an active learning, competency-based, excellence-driven (ACE) curriculum Prof. Isaac Opole (American College of Physicians, USA)
	AI to reduce bureaucracy in medicine Tomasz Kopacz (Healthcare Technology Strategist at Microsoft, Poland)	When the body rebels Dr. Klára Dombrovská, Czechia	Questions & Answers All speakers
	AI in cardiothoracic imaging: Ready for clinical implementation? Prof. Rozemarijn Vliegenthart (University Medical Center Groningen, the Netherlands)	Kidney disease... Is it worth the weight? Dr. Peter Todd, Scotland	Refreshment break
	Pig in a poke? Unpacking the promise and pitfalls of foundation models in health care Prof. Bartłomiej W. Papież (Big Data Institute, University of Oxford, UK)	Aseptic abscess syndrome: Unravelling a rare cause of fever and abscesses in inflammatory bowel disease Dr. Joana Nunes, Portugal	PART 2 From the battlefield to the bedside: Practical lessons to enhance medical education Session under the honorary patronage of the Ministry of National Defense, Republic of Poland
	From concept to clinic: Bridging the healthcare AI innovation gap – observations from the OxCAIR Research group Prof. Alex Novak (Oxford Clinical Artificial Intelligence Research, Oxford University Hospitals NHS Foundation Trust, UK)	The vessel of warning: A case of unexplained recurrent arterial thrombosis Dr. Yin Nan Huang, Canada	From the battlefield to the classroom: Training and logistical gaps identified in Ukraine Prof. John Quinn (University of Liverpool, UK)
	Questions & Answers All speakers	First documented use of the Wrapsody stentgraft for the treatment of nutcracker type of pelvic congestion syndrome Dr. Elene Tkabladze, Germany	Refreshment break
		Now you see me: Bazin's disease Dr. Virginia Huhn, Argentina	Individual and team training programs in the military that lead to high-performing clinicians and teams Prof. Anthony LaPorta (Rocky Vista University, USA)
		Peritoneal implantation of pheochromocytoma – pheochromocytomatosis Dr. Erik Bényei, Hungary	Challenges in medical education for future armed conflict: Standardized training in non-standardized environment Lt. Col. Dr. Anita Podlasin (Military Medical Training Center in Łódź, Poland)
		PART 2	

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Auditorium Hall (S1)		Theatre Hall (S2)	Chamber Hall (S3)
11:40- 12:00	<i>Refreshment break</i>	<p>Human herpes virus-8 and AIDS: Old friends and a new foe Dr. Daniel-Nicolás Marco Prats, Spain</p> <p>The typhoid malady: A wolf in the skin of a lamb Dr. Shashank Ravi Ganesh, India</p> <p>Pyrexia puzzle – take a closer look to solve the mystery: A case report Dr. Radwa Genidy, United Arab Emirates</p> <p>Navigating the complexities: Case study of neuroinfection accompanied by thrombocytopenia Dr. Aleksandra Raczyńska, Poland</p> <p>Blood, brain, and a hidden battle: A case of eosinophilia and chronic strokes Dr. Mehala Subramaniapillai, Canada</p>	<p>Adapting the military experience into civilian training: Case studies and a vision for the future Prof. Michael Czekajlo (Virginia Commonwealth University Health, USA)</p> <p>Prepare the best for the worst: Implementing battlefield experience into the medical school curriculum Dr. Tomasz Sanak (Jagiellonian University Medical College, Poland)</p> <p>Implementation of cross training in military medical personnel education 2nd Lt. Artur Skobel (Postgraduate Education Center, Military Institute of Medicine – National Research Institute, Poland)</p>
12:00- 13:00	<p>WORKSHOPS</p> <p>Practical artificial intelligence for clinicians: Start using AI today! Prof. Dan Perri & Prof. Sameer Shaikh (McMaster University, Canada)</p> <p>Advanced medical AI development with MONAI: From interactive annotation to foundation models Dr. Mikael Brudfors (Senior Solution Architect, NVIDIA, UK)</p> <p>Details and registration: https://my.ebm.one/workshops</p>	<p>Refractory ascites and multinodular systemic involvement revealing an exceptional multivisceral form of vascular epithelioid tumor associated with the <i>EWSR1::NFATC2</i> rearrangement Dr. Arthur Renaud, France</p> <p>From gut to gene: How colitis led to the diagnosis of a rare immunodeficiency Dr. Leslie Naesens, Belgium</p> <p>When family history illuminates the path: An uncommon cause of esophageal stricture Dr. Mariana Pereira, Chile</p> <p>Neuropathy in a diabetic patient. Think again. Dr. Brian Beyers, South Africa</p> <p>Misdiagnosis risk in tuberculosis-endemic regions: A multidisciplinary case report Dr. Yüsra AĞAOĞLU, Turkey</p>	<p>Questions & Answers All speakers</p>
13:00- 14:00	<p>PART 2: Humans and AI view on healthcare: For users of AI tools</p>		13:00- 14:00
LUNCH BREAK			



	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, National Medical Institute of the Ministry of the Interior and Administration, 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 Clinical Artificial Intelligence Research, Oxford University Hospitals NHS Foundation Trust, 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	<p><i>Refreshment break</i></p>		
	<p>WORKSHOPS</p> <p>Practical artificial intelligence for clinicians: Start using AI today! Prof. Dan Perri & Prof. Sameer Shaikh (McMaster University, Canada)</p>		
17:20- 18:20	<p>AI-powered medical devices and digital twins in healthcare Dr. Mikael Brudfors (Senior Solution Architect, NVIDIA, UK)</p> <p>Details and registration: https://my.ebm.one/workshops</p>		

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Auditorium Hall (S1)

Theatre Hall (S2)

Chamber Hall (S3)

19:30-
20:15

OPENING CEREMONY

Opening lecture: Evidence-based medicine: Past, present, future
Prof. Gordon Guyatt (McMaster University, Canada)

Day 2

Friday, May 9, 2025

Auditorium Hall (S1)

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

In collaboration with the Polish Cardiac Society



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)

Theatre Hall (S2)

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		Auditorium Hall (S1)	Theatre Hall (S2)
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	
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 (UCLouvain, Belgium)	
12:40- 13:00	Cardio-kidney-metabolic (CKM) syndrome: Risk factors and management principles Prof. Grzegorz Gajos (Jagiellonian University Medical College, Poland)	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)	



Auditorium Hall (S1)

Theatre Hall (S2)

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
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 Yorgancioğlu (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- 17:50	How to predict and prevent perioperative pulmonary complications: The role of a consultant and prehabilitation team <u>Introductory speaker:</u> Prof. Dorota Sobczyk, John Paul II Specialist Hospital in Kraków, Poland <u>Main speaker:</u> Prof. Tarannum Rampal, King's College Hospital NHS Foundation Trust, UK	
17:50- 18:10	Questions & Answers All speakers	

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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. Somia Iqtadar (King Edward Medical University, Pakistan)	WORKSHOPS 9:00-17:00 Point-of-care rheumatology ultrasound (POCRUS): A scenario-based workshop
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)	Prof. Bhaskar Dasgupta (Anglia Ruskin University, UK) Dr. Anna Ciechomska (Glasgow Royal Infirmary, UK) Dr. Anetta Chrzanowska (J. Dietl Specialist Hospital, Kraków, Poland) Dr. Monika Kręzelok (J. Dietl Specialist Hospital, Kraków, Poland)
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)	
10:00- 10:20	Metabolic dysfunction-associated steatotic liver disease (MASLD): Current management according the EASL–EASD–EASO 2024 guidelines Prof. Hannele Yki-Järvinen (University of Helsinki, Finland)	Management of bloodstream infections Prof. Nishma Singhal (McMaster University, Canada)	
10:20- 10:50	Questions & Answers All speakers	Questions & Answers All speakers	
10:50- 11:10	Refreshment break		
	SESSION IX Nephrology and Hematology		SESSION X The Multimorbid Patient Session under the auspices of the <i>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)	A multimorbid patient before invasive treatment: The interdisciplinary preparation including prehabilitation Introductory speaker: Dr. Magdalena Łasińska-Kowara, COPERNICUS Regional Oncology Center in Gdańsk, Poland Main speaker: Prof. Amy H. Ng, University of Texas MD Anderson Cancer Center, USA	

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		Auditorium Hall (S1)	Theatre Hall (S2)	Chamber Hall (S3)
11:30- 11:50		Management of nephrological and hematological complications of pregnancy Prof. Serena Gundy (McMaster University, Canada)	Identification and management of osteosarcopenia Prof. Julija Voicehovska (Rīga Stradiņš University, Latvia)	
11:50- 12:10		Cancer-associated thrombosis: Current management Prof. James Douketis (McMaster University, Canada)	Osteosarcopenia: a new geriatric syndrome? The logic of the pathophysiological substrate Dr. Annette Kurrle (University of Mainz, Germany)	
12:10- 12:30		Questions & Answers All speakers	Managing complex multimorbidity cases: Lessons from personal experience Prof. Rebecca W. Opole (University of Kansas School of Medicine, USA)	
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)		Prof. Bhaskar Dasgupta (Anglia Ruskin University, UK)
13:50- 14:10		Precision medicine in diabetes management Prof. Marie Pigeyre (McMaster University, Canada)		Dr. Anna Ciechomska (Glasgow Royal Infirmary, UK)
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)		Dr. Anetta Chrzanowska (J. Dietl Specialist Hospital, Kraków, Poland)
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)		Dr. Monika Kręzelok (J. Dietl Specialist Hospital, Kraków, Poland)
14:50- 15:20		Questions & Answers All speakers		Details and registration: my.ebm.one/workshops#pocrus

	Auditorium Hall (S1)	Theatre Hall (S2)	Chamber Hall (S3)
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)		
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		

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