



مستشفى الملك فهد للقوات المسلحة



وزارة الدفاع
MINISTRY OF DEFENSE

4TH MEDICAL EDUCATION CONFERENCE

مؤتمر التعليم الطبي الرابع

“الذكاء الاصطناعي و التعليم الطبي: شراكة من أجل رعاية صحية مرنة”
“AI and Medical Education: Partnership
for Resilient Healthcare”

CROWNE PLAZA®
BY IHG
Jeddah

11 – 13
November 2025

Objectives:

الأهداف:

- **Integrate AI and Digital Innovation:**
To enhance medical education, with attention to ethics and curriculum design.
- **Empower Faculty & Learners:**
Engagement in the educational process.
- **Advance Simulation, Research & Career Skills:**
Promote simulation and VR tools, support scholarly inquiry, and prepare trainees for career success.

● **دمج الذكاء الاصطناعي والابتكار الرقمي:**
لتطوير التعليم الطبي مع مراعاة أخلاق المهنة وتصميم المناهج.

● **تمكين أعضاء هيئة التدريس والمتعلمين:**
تعزيز المشاركة في العملية التعليمية.

● **المحاكاة المتقدمة، المهارات البحثية والمهنية:**
تقديم المحاكاة وتقنية الواقع الافتراضي، دعم الأبحاث العلمية، تهيئة المتدربين لمسيرة ناجحة.



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الهيئة السعودية للتخصصات الصحية
Saudi Commission for Health Specialties

WELCOME MESSAGE

We are delighted to welcome you to the **4th Medical Education Conference**, hosted by King Fahad Armed Forces Hospital, Jeddah. This event is designed to advance the quality of medical education and drive innovation, empowerment, and sustainability.

This year's conference highlights critical themes shaping the future of healthcare education — from the integration of artificial intelligence and immersive simulation to trainee empowerment and academic leadership development.

Our goal is not only to exchange knowledge but to inspire reflection, foster dialogue, and shape forward-thinking strategies that will impact how we train the next generation of healthcare providers.

We extend our deepest appreciation to all distinguished speakers, attendees, and contributors to the success of the conference.

We wish you a meaningful and enriching experience, and look forward to the collaborations and innovations that will emerge from this inspiring gathering.

With sincere regards,

● **Maj. Gen.Dr. Ibrahim Bin Mohammed Al Nasser**

Organizing Committee Chairman
Hospital Director,
King Fahad Armed Forces Hospital, Saudi Arabia



AATC Highlights

The conference reflects our steadfast commitment to advancing the frontiers of medical education and empowering those who shape the future of healthcare.

As the academic landscape evolves rapidly—with artificial intelligence, simulation, and digital innovation at its core—our mission is to remain at the forefront, guiding this transformation with integrity, inclusivity, and excellence.

I would like to extend my heartfelt gratitude to the Scientific Committee for the tremendous effort to shape the scientific schedule with diverse tracks and workshops to fit what we are aiming at KFAFH.

- **Dr. Adeelah Talat Qattan**
Organizing Committee Co-chairman
Head of Scientific Committee
Assistant Hospital Director for Academic Affairs
Director of Academic Affair & Training Center
King Fahad Armed Forces Hospital, Saudi Arabia



Welcome to the 4th Medical Education Conference!



Dear Colleagues,

On behalf of the Scientific Committee, I am honored to welcome you to the **4th Medical Education Conference**, themed “AI & Medical Education Partnership for Resilient Healthcare.”

As artificial intelligence becomes integral to healthcare, medical education must lead its integration with foresight and ethical responsibility. This year’s conference offers a rich program of keynotes, expert panels, and interactive workshops focused on leveraging AI to enhance curriculum design, learner assessment, and evidence-based practice, while preserving the human core of our profession.

We extend our sincere gratitude to the distinguished speakers and thought leaders joining us from across the Kingdom and around the world. Your contributions are invaluable to advancing academic excellence and fostering meaningful collaboration.

We look forward to an inspiring and impactful event.

● Dr. Nada Bassam Rabie

Scientific Committee Chairperson

Consultant, Infectious Diseases,
Program Director of Adult Infectious Disease Fellowship
Program Director of Internal Medicine Residency
Head of Grand Round Committee
King Fahd Armed Forces Hospital, Saudi Arabia

Designated Institutional Official (DIO) Remarks



Dear Colleagues,

It is with great pride and appreciation that I address our valued trainees, dedicated trainers, esteemed physicians, and the emerging leaders of tomorrow.

Postgraduate medical education is more than structured training—it is a journey of purpose, resilience, and transformation.

Together, let us continue to foster a culture of learning, compassion, and collaboration—one that honors the values of the Saudi Commission for Health Specialties (SCFHS) and upholds the highest standards of professionalism and accountability.

With sincere gratitude and unwavering support,

- **Dr. Muneera Abdulmalik Alshareef (DIO)**

Designated Institution Officials, Academic & Training

Consultant, Adult Endocrine & Metabolism

Saudi Fellowship Endocrine & Metabolism

Held a role of Endocrine Fellowship Training Program Director

Chairperson of Institutional & Program Accreditation Internal review

King Fahd Armed Forces Hospital, Saudi Arabia

INFORMATION

Target Audience:

- Clinician Educators involved in Medical Education.
- Teaching faculty involved in the Education & Training of Healthcare providers.
- All Healthcare Workers interested in Medical Education.

Saudi Council Accreditation:

- 4th Medical Education Conference (11–13 November 2025): **21 CME Accredited**
- Pre-Conference Workshop: TOT (09–10 November 2025): **13 CME Accredited**

• Workshops (11–13 November 2025):

- Next-Gen Care: Shaping the Digital Transformation of Modern Care
- AI Agents Training Booster Workshop: Advancements & Innovations in Healthcare
- Artificial Intelligence for Medical Educators Workshop: **6 CME Accredited**
- Artificial Intelligence for Program Director Workshop: **6 CME Accredited**
- Artificial Intelligence for Program Coordinators Workshop
- Artificial Intelligence for Medical Trainee Workshop: **XXCME Accredited**
- Virtual Reality VR OSCE - Hands on Practice: **XXCME Accredited**
- Simulation Bootcamp: **XXCME Accredited**
- Masterclass: Systematic Review & Meta-Analysis Workshop: **4 CME Accredited**
- Writing Research Protocol for Medical Education: **5 CME Accredited**

Registration Fees:

- 150 SR = MODHS STAFF
- 50 SR = Trainee / Coordinators
- 300 SR = External
- 100 SR = Residents
- 500 SR = Workshop

Name Badges:

- All participants and exhibitors are kindly requested to wear their badges throughout the meeting for admission to the lecture and exhibition halls.

SPEAKERS



Dr. Abdullah Khalid Alismail

Associate Professor

Loma Linda University & Rush University



Dr. Abdulaziz Mohammed Banaja

Consultant, Pediatric Surgery

International Medical Center (IMC), Saudi Arabia



Dr. Abdulraoof Abdulhadi Alsaeedi

Consultant, Pediatric Cardiac Surgeon

Head of Pediatric Cardiac Surgery

King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Alia Ali Abotaleb

Consultant, Adult Hematology

Director of Medicine Departments

MSc. Medical Education

Certified TOT-On the Go Facilitator (SCFHS)

Certified Professional in Healthcare Quality (CPHQ)

King Fahd Armed Forces Hospital, Saudi Arabia

SPEAKERS



Dr. Al-Mamoon Mohammed Badahdah
Consultant, Public Health & Preventive Medicine
Mass Gathering & Travel Medicine
King Abdulaziz University, Saudi Arabia



Dr. Amal Suleiman Alawdah
Consultant, Restorative Dentist
Assistant Professor King Saud University
Trainer of trainers in Self Mastery
Emotional Intelligence Coach
King Saud University, Saudi Arabia



Dr. Amna Abdulkarim Kashgari
Consultant, Pediatric Radiology & Neuroradiology
Assistant Professor
Head of Translational Radiology Science
King Saud University for Health Science,
King Abdullah Specialized Children Hospital, Saudi Arabia



Dr. Anas Mohammed Almasud
Executive Director of Saudi Model of Care Initiative
Strategy & Alignment Director of Saudi Medical
Appointment & Referral Center
Health Holding Company, Saudi Arabia

SPEAKERS



Dr. Areej Saad Alowfi

Consultant, Family Medicine

Certified TOT-On the Go Facilitator (SCFHS)

Associate Dean, University Pre-Professional Program (UPPP)
King Saud Bin Abdulaziz University for Health Sciences, Saudi Arabia



Dr. Basem Hasan Alshareef

MBBS, FRCSC, ABS (dip)

Consultant, General & Trauma Surgeon

Head of Regional Training Committee for General Surgery
Program, Sector II, SCFHS

Assistant Professor, Department of Surgery

Head of Hospital Affairs Unit

Umm Al-Qura University, Makkah



Dr. Basim Saleh Alsaywid

Consultant, Pediatric Urology Surgery

Director of Education & Research Skills Department
Saudi National Institute of Health, Saudi Arabia



Dr. Entisar Soliman Alkayal

Assistant Professor

Information Technology Department

Faculty of Computing & Information Technology in Rabigh
King Abdulaziz University, Saudi Arabia

SPEAKERS



Mr. Eyad Sami Alzaidi

CEO– Abaad VR Solutions

Intern, KFSHRC

University of Jeddah, Global Youth Ambassador

Founder of multiple Initiatives in VR for Medical Education



Dr. Faisal Yousif Al-Ghalib

MD, FRCPC

Consultant Anesthesiologist

Simulation & Medical Education

Simulation Committee Chairman

King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Haneen Talal Alnazzawi

Assistant Professor of Anesthesiology

Head of the Medical Simulation Unit

Consultant Pediatric Anesthesiologist

Expert in Simulation-Based Education

University of Jeddah, Saudi Arabia



Dr. Hani Lababidi

Adjunct Associate Professor Consultant

Pulmonary & Critical Care Expert in Simulation Based Education

King Fahad Medical City, Saudi Arabia

SPEAKERS



Dr. Hani Saleh Abualross

Consultant Adult, Child & Adolescent Psychiatry
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Iman Ayed Alhazmi

Consultant, Adult Hematology
Head of Hematology & Oncology
King Fahd Armed Forces Hospital, Saudi Arabia



Prof. Julie Davies

Professor of Healthcare Management & Leadership Development
Head of Accreditations, Rankings & Reputation
Brunel Business School,
Brunel University of London, UK



Dr. Khlood Khaled Alyanbaawi

Consultant, Family Medicine
Saudi Model of Health Care (MOC)
Health Care Systems & National Clinical Pathways. MOH

SPEAKERS



Ms. Lama Ibrahim Sultan
Training & Development Manager,
Allied Health Training Management
Ministry of National Guard Health Affairs
Certified TOT-On the Go Facilitator, SCFHS
King Abdulaziz Medical City, Saudi Arabia



Dr. Mishal Awad Aldaihahni
**General Director of the General Administration
of Scholarships & Continuous Professional
Development,**
Medical Cities of the Ministry of Interior
Chairman of the Accreditation Surveyors Committee,
Saudi Commission for Health Specialties



Dr. Mohammad Hasan Alfelali
Consultant, Public Health
Assistant Professor
Department of Family & Community Medicine
King Abdulaziz University – Rabigh Medical College
Saudi Arabia



Mr. Mohammad Sulieman Alamer
MSc, BSN, PGD, CHSOS, CHSE
Simulation Education & Operation Specialist
Riyadh Second Health Cluster, KFMC, CRESENT

SPEAKERS



Prof. Mohammed Ahmed Hassanien

Consultant, Clinical Biochemist

Advisor to the Vice President for Educational Affairs

Advisor at the Centre of Teaching & Learning Development

King Abdulaziz University, Saudi Arabia



Prof. Nawfal Abdullah Algerian

Consultant, Emergency Medicine

Director of the Model of Care Transformation Program Initiative

Chief Executive Office, Medical Referral Center

Medical Director,

National Health Command Center, Saudi Arabia



Dr. Nehal Noureldin Khamis

Adjunct Professor of Medical Education & AI,

Johns Hopkins University, USA

Founder of Smart MedEd Solutions (SMES) LLC, USA



Dr. Nada Abdulrahman Albunaian

Consultant, Family Medicine

Head of Training & Assessment Committee in SCFHS

Executive Director of Family Medicine Academy

MOH, Saudi Arabia

SPEAKERS



Dr. Norah Ahmed Almalki
Assistant Professor of Modern Languages
King Abdulaziz University, Saudi Arabia



Dr. Sahar Hashmi
CEO & Founder of Magna GenAI Consulting LLC
Global Award Winning AI Expert
Boston, USA



Dr. Sami Juwaiber Al thubaiti
Consultant Pediatric Hematology Oncology & BMT
Assistant Professor of Pediatric Hematology & Oncology
King Abdulaziz Medical City
Chairman Pediatric Hematology Oncology
King Abdullah Children's Hospital, KASCH
Ministry of National Guard Health Affairs, Saudi Arabia



Prof. Scott D.C. Stern
Professor of Medicine
Editor-in-Chief for the McGraw Hill Clinical Reasoning platform
The University of Chicago Francis & Rose Yuen Campus, Hong Kong

SPEAKERS



Dr. Shaima Muhammad Tayeb

Consultant Pediatric Dentist

Deputy Program Director

ICF-Certified Life & Career Coach

King Fahad Armed Forces Hospital, Saudi Arabia



Dr. Shoroog Hassan Agou

Member of Scientific Committee

Dentistry / Orthodontics and Dentofacial Orthopedics

HPE Consultant Associate Professor

KAU Certified Reviewer

NCAAA Certified Trainer – SCFHS

King Abdulaziz University, Saudi Arabia



Dr. Suad Abdulhaleem Alsubaihi

Dentist & Healthcare Leader

Medical Education Specialist

Certified Trainer & Coach

Health Holding Company, Saudi Arabia



Dr. Thuray Essam Kattan

General Manager of General Department of Training Standards

M.D., MMedEd, PhD, Medical Educationist

Saudi Commission for Health Specialties, Saudi Arabia



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4TH MEDICAL EDUCATION CONFERENCE



وزارة الدفاع
MINISTRY OF DEFENSE

SPEAKERS



Prof. Wadee Saleh Alhalabi

Professor of Artificial Intelligence

Director of Consultation Office of Artificial Intelligence

Executive Director of Consultation Office
of "Artificial Intelligence."

King Abdulaziz University, Saudi Arabia

Moderators



Prof. Abbas Saleh Almutair

Research Centre Director, Almoosa Health Group

Adjunct Professor

Certified TOT-On the Go Facilitator, SCFHS

Member of the TOT pro, advisory committee, SCFHS

Prince Sultan Military College of Health Sciences, Saudi Arabia



Dr. Abdullah Wahib Bawarith

Consultant, Obstetric Anesthesiologist & Simulation

Director of Anesthesia Services,

Department of Anesthesia & Critical Care

Director of Academic Affairs & DIO

King Abdulaziz University Hospital, Saudi Arabia



Dr. Abdulrahim Mohammed Basendwah

Consultant, Hematology

King Fahad Armed Forces Hospital, Saudi Arabia



Dr. Abdulrahman Jafar Alsabbagh

Associate Professor, KAU

Consultant Neurosurgeon

King Fahad Armed Forces Hospital, Saudi Arabia

Associate Executive Director of Training for Sector II, SCFHS

Moderators



Dr. Abdulrahman Sayed Khalil

Consultant, Medical Oncology

Program Director of Adult Medical Oncology Fellowship
Certified TOT-On the Go Facilitator, SCFHS
King Fahd Armed Forces Hospital, Saudi Arabia



Col. Dr. Adeeb Taher Khawaji

Consultant, Pediatrics & Pediatrics ICU

Head of Pediatric Intensive Care Unit
Head of Pediatric Cardiac Intensive Care Unit
King Fahd Armed Forces Hospital, Saudi Arabia



Brig. Gen. Dr. Ahmad Abdullah Algarni

Consultant, Family Medicine

Director of Family Medicine Department
2nd Assistant Director of Medical Administration
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Ahmed Hassan Alawi

Consultant, General and Pediatric Surgery

King Fahd Armed Forces Hospital, Saudi Arabia

Moderators



Dr. Alaa Saeed Nazzal

Executive Director for Academic Affairs & Research Center

Program Director for Internal Medicine Residency Training
Certified TOT-On the GO Facilitator, SCFHS
Certified FIRSTmed ADLX Designer and Facilitator
International Medical Center Hospital, Saudi Arabia



Dr. Amr Adnan Sendi

Consultant, Abdominal Imaging

King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Asmaa Mubaireek Almazrooie

Consultant, Neonatologist & Neonatal Neurologist

Program Director of Neonatal-Perinatal Fellowship
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Azza Sami Reda

Consultant, Neuroradiologist & Spine Intervention

Residency Training Program (RTP) Director
King Fahd Armed Forces Hospital, Saudi Arabia

Moderators



Dr. Basma Ali Abadel

Consultant, Pediatric Geneticist & Metabolic Disorders Specialist

Deputy Program Director, Pediatric Residency Training Program
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Faisal Yousef Al-Ghalib

Consultant, Anesthesiologist

Simulation & Medical Education
Simulation Committee Chairman
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Ghazal Fawaz Alalamy

Consultant, Pediatric Endocrinologist

Program Director, Pediatric Endocrinology Fellowship
Training Program
Certified TOT-On the Go Instructor, SCFHS
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Miadah Ahmeddeab Almasry

Associate Professor, Information Technology Department

Vice Dean of E-Learning
King Abdulaziz University, Saudi Arabia

Moderators



Dr. Mirvat Abdullah Alasnag
Consultant, Interventional Cardiology
Director of the Catheterization Laboratory
Research Centre Director
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Mohammad A. Nyaz
Consultant, Anesthesiologist
Deputy Program Director of Anesthesiology
Residency Program, SCFHS
King Fahad Armed Forces Hospital, Saudi Arabia



Dr. Muneera Abdulmalik Alshareef
Designated Institution Officials, Academic & Training - DIO
Consultant, Adult Endocrine & Metabolism
Saudi Fellowship Endocrine & Metabolism
Held a role of Endocrine Fellowship Training Program Director
Chairperson of Institutional & Program Accreditation
Internal Review
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Salem Ali Assiri
Consultant, Interventional & Structural Cardiologist
Program Director of Adult Cardiology Fellowship
Fellow of American College of Cardiology
SACIS Board member
King Fahd Armed Forces Hospital, Saudi Arabia

Moderators



Ms. Samah Sabri Jaha
Acting Director of Nursing Education
Senior Clinical Instructor
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Ula Riyadh Binhimd
Consultant-Plastic Surgery / Aesthetic Plastic Surgery
Oncoplastic Reconstructive & Aesthetic Breast Surgery
King Fahd Armed Forces Hospital, Saudi Arabia



Dr. Waleed Ahmed Alghamdi
Consultant, Psychiatry / Child and Adolescence
King Abdulaziz University, Saudi Arabia



Dr. Yahya Zohair Habis
Consultant, Internal Medicine / Pulmonary
King Abdulaziz University Hospital, Saudi Arabia

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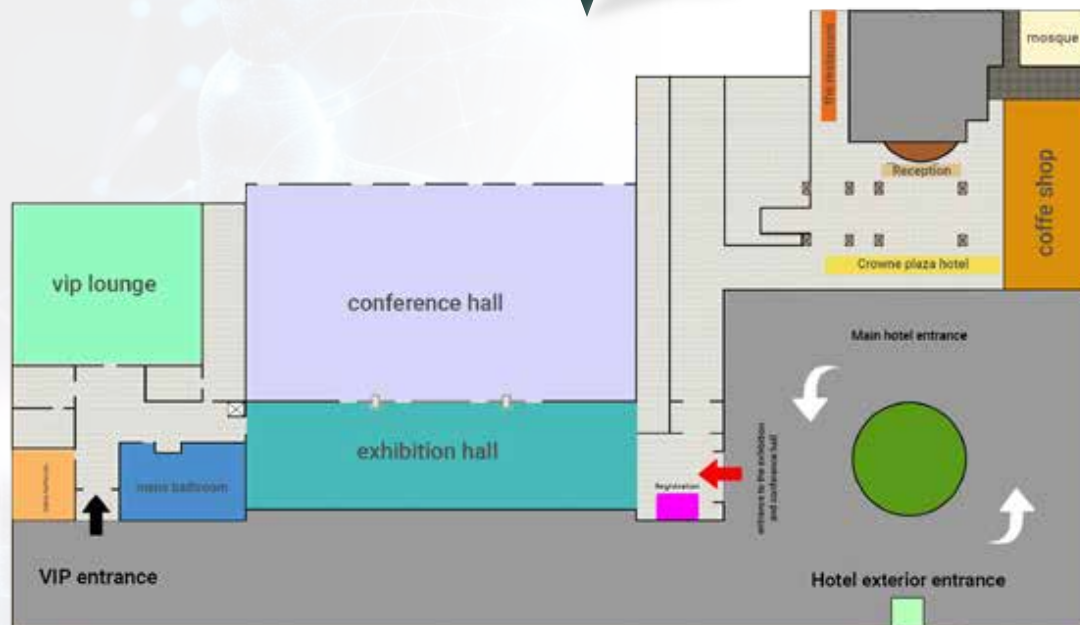
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MEC Venue Overview



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|-----------------|-----------------|--------------------|-------------------------|--|
| vip lounge | mens bathroom | conference hall | coffe shop | VIP entrance |
| exhibition hall | ladies bathroom | mosque | Hotel exterior entrance | entrance to the exhibition and conference hall |
| the restaurant | Reception | Crowne plaza hotel | Registration | |

CROWNE PLAZA
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JEDDAH

PROGRAM SCHEDULE

Start			End			Day (1) – 11 November 2025					
			8:00			9:00			Registration		
Dr. Adeelah Qattan			9:00			9:15			Welcome Note		
Dr. Muneera Alshareef Ms. Samah Jaha			9:15			9:45			The Before & After of an Evolving ERA Prof. Nawfal Algerian Session Moderator: Dr. Ahmad Algarni LEC1		
			9:45			10:15			Clinical Reasoning & Reducing Diagnostic Error (Evidence-Based Approaches to an Age-Old Problem) Prof. Scott Stern Session Moderator: Dr. Adeeb Khawaji LEC2		
			10:15			10:45			Pannel Discussion		
Public Affairs			11:00			1:00			Opening Agenda Academic Affairs Welcome Note Scientific Committee Chairman Welcome Note Research Award (Research Center Director) Graduation Ceremony (DIO) Hospital Director Welcome Note		
			1:00			1:15			Exhibition & Poster Walk		
			1:15			2:15			Lunch Break		
			2:15			4:15			Workshops		
Workshop A Next-Gen Care: Shaping the Digital Transformation of Modern Care Dr. Anas Almasud - Dr. Kholood Alyanbaawi Workshop Moderator: Dr. Hind Alatawi - Dr. Muneera Alshareef						Workshop B AI Agents Training Booster Workshop : Advancements & Innovations in Healthcare Dr. Sahar Hashmi Workshop Moderator: Dr. Khalid Almutairi					

PROGRAM SCHEDULE

Start		End	Day (2) – 12 November 2025	
8:00		8:30	Registration	
			Track A: AI-in Medical Education	Track B: Back to Basics
Session Moderators			Dr. Salem Assiri Dr. Ula Binhimd	Dr. Alaa Nazzal Dr. Ghazal Alalamy
8:30		9:00	Role of AI in Medical Learning & Practice: Charting New Pathways Dr. Nehal Khamis LEC3	Career Development & Advancement for Medical Educators Prof. Julie Davies LEC4
9:00		9:30	Trusting the Machine: Ethical Dimensions of AI in Medical Education Dr. Amna Kashgari LEC5	Listening to Learners: Voices that Matter Dr. Shaima Tayab LEC6
9:30		10:00	AI-Powered Remediation: Identifying & Supporting Struggling Learners before it's too Late Dr. Norah Almalki LEC7	Practical Tips in Dealing with Difficult Trainees: Case Studies & a Focus on the SCFHS Guidelines Dr. Nada Albunaian LEC8
10:00		10:30	Q&A and Coffee Break	
10:30		11:15	Call to Inquiry: Setting the Research Agenda for Medical Education LEC9 Dr. Areej Alowfi - Dr. Basim Alswayid - Dr. Abdullah Alismail Session Moderator: Dr. Abdulrahman Khalil - Dr. Mirvat Al Asnag	

Dr. Ibrahim Rozi

Dr. Mohammad Bukhari

Dr. Nada Rabie

PROGRAM SCHEDULE

Start		End		Day (2) – 12 November 2025			
Dr. Saleh Alhedyan			Track A: AI-in Medical Education		Track B: Back to Basics		Dr. Muneera Alshareef
	Session Moderators		Dr. Basma Abadel Dr. Waleed Alghamdi		Dr. Abdulrahman Alsabbagh Dr. Yahya Habis		
	11:15	11:45	Keeping it Real: Teaching Core Skills in the Age of AI & E-Learning Pitfalls Dr. Sami Althubaiti LEC10		Cracking SCFHS Accreditation: What Every Program Director Should Know Dr. Mishal Aldaihani LEC11		
	11:45	12:15	Teaching Quality for Medical Residents: Real life Experience Dr. Alia Abotaleb LEC12		The Medical Educator as a Leader: How Emotional Intelligence Improves Care & Career Dr. Amal Alawdah LEC13		
	12:15	12:45	Wellness in the Wired World: Safeguarding Trainee Health in the AI Age Dr. Hani Abualross LEC14		Mastering Evaluation & Feedback: Essential Skills for Faculty Development Dr. Thuraya Kattan LEC15		
	12:45	1:00	Q&A and Coffee Break				
	1:00	2:00	Lunch Break				
	2:00	4:00	Workshops				
Workshop A		Workshop B		Workshop C		Workshop D	
AI for Medical Educators		AI Tools for Trainees		AI for Program Coordinators		Masterclass: Systematic Review & Meta-Analysis	
Prof. Mohammed Hassanien		Dr. Abdulraoof Alsaeedi		Dr. Entisar Alkayal		Prof. Julie Davies	
Dr. Ibrahim Rozi		Dr. Mohammad Bukhari		Dr. Saleh Alhedyan		Dr. Ahmed Alawi	

PROGRAM SCHEDULE

Start		End	Day (3) – 13 November 2025	
8:00		8:30	Registration	
			Track C: Simulation & VR	Track D: Research in Medical Education
Session Moderators			Dr. Abdullah Bawarith Dr. Midah Almasry	Prof. Abbas Almutair Dr. Abdulrahim Basendwah
Ms. Samah Jaha	8:30	9:00	VR in Medical Education: What Works Prof. Wadee Alhalabi LEC16	AI in Teaching EBM Dr. Almamoon Badahdah LEC17
	9:00	9:30	Virtual Patients for Smarter Decisions Ms. Lama Sultan LEC18	Mixed Methods in Medical Education: When & How to Use Them Prof. Julie Davies LEC19
	9:30	10:00	Innovate Education: Shaping Medical Curricula for the New Era Dr. Nehal Khamis LEC20	Unseen, Yet Scholarly: Transforming Medical Educational Practice Into Scholarship Dr. Abdullah Alismail LEC21
	10:00	10:30	Q&A and Coffee Break	
	10:30	11:15	Expert Panel: Volunteering in the Age of AI – Driving Health Transformation LEC22 Dr. Abdulaziz Banaja - Dr. Basem Alshareef - Dr. Mohammad Alfelali Session Moderator: Dr. Ahmed Alawi - Dr. Muneera Alshareef	
			Dr. Nada Rabie	

PROGRAM SCHEDULE

Start		End		Day (3) – 13 November 2025					
Dr. Ahmed Alawi					Track A: Simulation Track		Track B: Navigating Tough Moments		
	Session Moderators				Dr. Asmaa Almazrooie Dr. Faisal Al-Ghalib		Dr. Amr Sendi Dr. Azza Reda		
	11:15 12:00				Innovation in Simulation: What's Next? Dr. Haneen Alnazzawi LEC23		Strong Voices: Learners' Local Perspectives on Developing Leadership Skills Dr. Shoroog Agou LEC24		
	12:00 12:45				Caring Under Pressure: Safeguarding Wellness in Simulation Training Dr. Iman Alhazmi LEC25		Brave Minds: Cultivating Moral Reasoning Skills for Empowered Clinical Training Dr. Suad Alsubaihi LEC26		
	12:45 1:00				Tough Calls: Simulation for Critical Scenario Dr. Hani Lababidi Mr. Mohammad Alamer LEC27		Wild Hearts: Building Resilience in a Rapidly-Changing World Dr. Nada Albunaian LEC28		
1:00 2:00				Lunch Break					
2:00 4:00				Workshops					
Workshop A VR OSCE: Hands-On Practice Mr. Eyad Alzaidi Ms. Lama Sultan				Workshop B Simulation Bootcamp Dr. Faisal Al-Ghalib Dr. Haneen Alnazzawi Dr. Hani Lababidi Mr. Mohammad Alamer		Workshop C AI for Program Directors Prof. Mohammed Hassanien		Workshop D Writing Research Protocol for Medical Education Dr. Abdullah Alismail Dr. Nada Rabie	
Ms. Samah Jaha				Dr. Mohmmmed Niayz		Dr. Ibrahim Rozi		Dr. Mohammad Bukhari	

Lecture Summaries

LEC1 The Before & After of an Evolving ERA

The evolving era is marked by a transformation in infrastructure, moving from traditional systems toward non-traditional ones. This shift brings new ways of thinking, with adaptive and data-informed mindsets. Advancements in both human and technological capabilities are reshaping how knowledge is adopted and applied. Together, these changes create wide-ranging impacts across medical education, healthcare delivery, and patient outcomes.

LEC2 Clinical Reasoning & Reducing Diagnostic Error (Evidence-Based Approaches to an Age-Old Problem)

Diagnostic errors are a leading cause of death; they are costly and preventable. Join Dr. Scott Stern as he discusses why diagnostic accuracy is THE core competency for addressing this global issue. He will cover how using evidence-based frameworks based on an initial presenting symptom can lead to a more thoughtful and focused differential diagnosis.

The talk will discuss limitations of the current medical education system and recommendations on how to structure and incorporate diagnostic reasoning programs within medical school curricula. He will emphasize that systematic diagnostic approaches help medical learners navigate even some of the most challenging cases – including ‘common diseases presenting uncommonly’ and ‘uncommon diseases presenting commonly’.

LEC3 Role of AI in Medical Learning and Practice: Charting New Pathways

This session explores how artificial intelligence is rapidly reshaping medical education, from adaptive learning platforms to clinical decision support for trainees. Participants will examine current innovations and future directions, considering both the promise and limitations of AI-driven learning. By the end, attendees will understand how AI can be meaningfully integrated into educational strategies to enhance both learning outcomes and healthcare delivery.

Lecture Summaries

LEC4 Career Development and Advancement for Medical Educators

This lecture provides practical strategies for medical educators to design sustainable academic careers. Using real-world examples, it highlights how to build scholarly portfolios, leverage institutional opportunities, and develop leadership roles in education. Attendees will leave with insights into career pathways and tools to align their professional growth with institutional missions and personal aspirations.

LEC5 Trusting the Machine: Ethical Dimensions of AI in Medical Education

As artificial intelligence becomes integral to education and healthcare, questions of ethics and trust become paramount. This session will address issues of transparency, accountability, bias, and professionalism in the use of AI for teaching and assessment. Participants will be equipped with frameworks to critically evaluate when and how AI should be responsibly adopted in education.

LEC6 Listening to Learners: Voices that Matter

This session emphasizes the importance of actively engaging learners in shaping educational practice. Drawing on diverse perspectives, it showcases strategies for collecting, analyzing, and acting on learner feedback to foster more responsive and equitable training environments. Participants will gain insights into how embracing learner voices can strengthen programs and improve outcomes.

Lecture Summaries

LEC7 AI-Powered Remediation: Identifying and Supporting Struggling Learners Before It's Too Late

This lecture introduces how AI can help educators detect performance difficulties earlier and create personalized learning plans. By analyzing patterns in evaluations, feedback, and case logs, AI tools can highlight risks that might otherwise be missed. Attendees will learn how such systems can enhance fairness and support for residents while maintaining professional judgment and safeguarding privacy.

LEC8 Practical Tips in Dealing with Difficult Trainees: Case Studies and SCFHS Guidelines

This case-based session addresses one of the most challenging aspects of program leadership: managing difficult trainees. Through real scenarios and a review of SCHS regulations, participants will explore structured approaches to remediation, conflict management, and documentation. The session aims to equip program directors with confidence and clarity in navigating these sensitive situations.

LEC9 Call to Inquiry: Setting the Research Agenda for Medical Education

This expert panel brings together leaders in the field to identify the most pressing research questions in medical education. The discussion will highlight current gaps, propose collaborative opportunities, and inspire participants to pursue projects that have institutional and national impact. By the conclusion, attendees will have a clearer sense of priority areas for advancing the scholarship of medical education.

Lecture Summaries

LEC10 Keeping it Real: Teaching Core Skills in the Age of AI and E-Learning Pitfalls

In a world where digital platforms and AI are transforming education, core clinical and professional skills risk being overshadowed. This session explores how to safeguard the essentials of medical training while avoiding the common pitfalls of E-learning overload. Through practical strategies and real-life examples, participants will leave with a clearer sense of how to balance innovation with foundational skill-building in their own programs.

LEC11 Cracking SCFHS Accreditation: What Every Program Director Should Know

Accreditation is one of the most pressing responsibilities for program leaders, yet it can be daunting for first-time applicants. This session will demystify the SCHS accreditation process by breaking down requirements, timelines, and strategies for success. By the end, participants will have a roadmap for preparing their programs to not only meet but excel in accreditation standards.

LEC12 Teaching Quality for Medical Residents: Real-Life Experience

Quality improvement is a core competency for residents, yet many programs struggle with how to make it tangible. Drawing on real-life teaching experiences, this session offers practical insights into how residents can be trained to lead and sustain quality initiatives. Participants will walk away with actionable ideas to embed quality projects into day-to-day training.

Lecture Summaries

LEC13 The Medical Educator as a Leader: How Emotional Intelligence Improves Care & Career

This lecture highlights the central role of emotional intelligence in effective leadership within medical education. Participants will explore how self-awareness, empathy, and emotional regulation enhance not only team dynamics and patient care but also career advancement for educators. Through real examples, the session illustrates how emotionally intelligent leadership fosters trust, collaboration, and resilience in academic and clinical environments. By the end, attendees will recognize how cultivating emotional intelligence can transform their own leadership style, improve learner outcomes, and strengthen the culture of care in their institutions.

LEC14 Wellness in the Wired World: Safeguarding Trainee Health in the AI Age

In an environment where digital technologies and AI are transforming medical education, the impact on trainee wellness is increasingly significant. This session will address challenges such as digital fatigue, blurred boundaries, and the psychological effects of AI-driven systems. Participants will leave with a deeper understanding of how to support learner well-being in the modern era and with strategies to build resilience and balance into training programs.

LEC15 Mastering Evaluation & Feedback: Essential Skills for Faculty Development

This session equips faculty with the essential skills to provide meaningful, structured, and constructive feedback that drives learner growth. Using practical examples and current evidence, the lecture explores how evaluations can go beyond routine checklists to become transformative moments in a trainee's development. Participants will learn strategies to deliver feedback that is timely, actionable, and supportive, while also understanding how to align evaluations with competency frameworks. By the end of the session, faculty will be better prepared to foster an environment of continuous learning through effective evaluation and feedback practices.

Lecture Summaries

LEC16 VR in Medical Education: What Works

This lecture provides a critical look at the evidence for virtual reality in medical training, highlighting where it has succeeded and where limitations remain. Participants will learn about best practices in applying VR to teaching, assessment, and simulation, leaving with a clear understanding of what makes VR effective and how it can be incorporated into their own educational programs.

LEC17 AI in Teaching EBM

Artificial intelligence has the potential to transform how evidence-based medicine is taught, making it more accessible, dynamic, and learner-centered. This session explores how AI tools can streamline literature appraisal, support clinical reasoning, and enhance evidence integration in daily practice. Attendees will come away with practical ideas for using AI to strengthen EBM training for the next generation of clinicians.

LEC18 Virtual Patients for Smarter Decisions

By simulating complex, real-world cases, virtual patients provide learners with opportunities to sharpen clinical reasoning in a safe environment. This session highlights the value of VR-based patient scenarios for teaching diagnostic accuracy and decision-making skills. Participants will gain insight into how virtual patients can improve confidence and competence in clinical practice.

Lecture Summaries

LEC19 Mixed Methods in Medical Education: When and How to Use Them

This lecture introduces participants to the value of mixed methods in answering complex educational research questions. The session will explain when combining qualitative and quantitative approaches is appropriate and how to design studies that maximize validity. Attendees will leave with greater confidence in applying mixed methods to their own scholarship.

LEC20 Innovative Education: Shaping Medical Curricula for the New Era

As medicine evolves, so too must medical education. This session looks at how curricula can be redesigned to prepare learners for the challenges of digital health, interprofessional collaboration, and competency-based training. Participants will explore strategies for innovation while preserving academic rigor, leaving inspired to lead curricular transformation in their institutions.

LEC21 Unseen, Yet Scholarly: Transforming Medical Educational Practice Into Scholarship

Much of the most meaningful work in medical education happens quietly—in the clinic, simulation lab, classroom, and daily mentorship moments. Yet these rich educational practices often remain invisible and undocumented, despite their value to learners and the academic community. This session explores practical, accessible pathways for educators to translate everyday teaching activities into scholarly contributions. Through concrete examples and actionable strategies, participants will learn how to identify scholarly potential in routine work, frame educational innovations, and share them through presentations, publications, and digital platforms. By the end of the session, attendees will be equipped with tools to elevate their work from the unseen to the impactful—contributing to the growing body of medical education scholarship while advancing their own academic trajectory.

Lecture Summaries

LEC22 Expert Panel: Volunteering in the Age of AI – Driving Health Transformation

This panel discussion brings together experts and real-life examples of how volunteering intersects with AI-driven health reform. From Hajj health initiatives to national service programs, panelists will share experiences of how innovation and volunteerism can work hand in hand. The session aims to inspire attendees to view volunteering as a vital pathway to advancing both education and health system transformation.

LEC23 Innovation in Simulation: What's Next?

Simulation has already transformed medical training, but its future promises even more. This lecture examines emerging trends, technologies, and approaches in simulation-based education, from advanced fidelity models to team-based immersive learning. Participants will gain a forward-looking perspective on how simulation can continue to push the boundaries of healthcare education.

LEC24 Strong Voices: Learners' Local Perspectives on Developing Leadership Skills

Clinical competence is only part of what makes an effective physician. This lecture explores the essential soft skills—such as communication, teamwork, adaptability, and leadership—that trainees must master to succeed in modern healthcare. Participants will learn how to foster these skills in daily teaching and assessment.

Lecture Summaries

LEC25 Caring Under Pressure: Safeguarding Wellness in Simulation Training

Simulation-based training is one of the most powerful tools in medical education, but its intensity can sometimes feel intimidating for trainees. This session addresses how to create psychologically safe environments in which learners can engage fully without compromising their well-being. Participants will explore strategies for balancing realism with emotional support, including pre-briefing, debriefing, and structured feedback methods that reduce anxiety while maximizing learning. By the end of the session, attendees will understand how to safeguard trainee wellness in high-pressure simulations and foster resilience that extends beyond the training room into clinical practice

LEC26 Brave Minds: Cultivating Moral Reasoning Skills for Empowered Clinical Training

Mentorship and coaching are often spoken about separately but can be most powerful when combined. This lecture explains how the two approaches intersect and complement one another in supporting trainee growth. Attendees will leave with strategies for developing integrated mentorship-coaching models that empower learners to achieve their potential.

LEC27 Tough Calls: Simulation for Critical Scenarios

This session focuses on how simulation can prepare trainees for the most difficult, high-stakes moments in medicine. Through examples of critical scenarios, participants will see how simulation can replicate the pressures of real clinical decisions and prepare learners to act with confidence. The session highlights how “tough call” simulations can build both technical and non-technical skills.

Lecture Summaries

LEC28 Wild Hearts: Building Resilience in a Rapidly Changing World

Resilience is essential for surviving and thriving during the demands of training. This session introduces strategies to help residents and fellows cope with stress, recover from setbacks, and build sustainable well-being practices. Attendees will leave with practical approaches to fostering resilience for themselves and their trainees.



Your Feedback Matters
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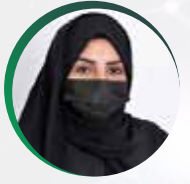
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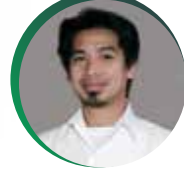
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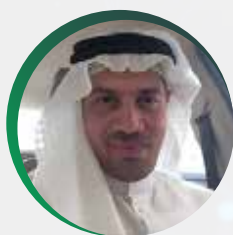
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Public Affairs Department
Planning and Budgeting Department
Military Police
Security
Support Services Administrative



TOT ON THE GO TEACHING & ASSESSMENT

Training Objectives

By the end of this workshop, the participants will be able to :

- Implement various teaching & training techniques in the clinical context.
- Plan & develop appropriate learning strategies in medical training.
- Outline the principles of assessment in healthcare training.
- Define the concept of effective feedback and describe its key characteristics.
- Apply a systematic approach to manage trainees in difficulties
- Summarize CanMEDS roles and competencies

Target Group All Trainers in Scfhs Programs



Dr. Khalid Al Mutairi

Consultant Family Medicine



Dr. Abdulmalik Arab

Consultant Clinical
Biochemistry & Toxicology



Dr. Areej Alowfi

Consultant Family Medicine



Dr. Suad Alsubaihi

Cluster Development Manager



King Fahad Armed Forces Hospital
Academic Affairs and Training Center



November 9 & 10 2025
8:00 AM - 4:00 PM



REGISTRATION FEES

KFAFH Staff : 700 ر.
Non-KFAFH Staff : 900 ر.

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11/11/2025
2:00 PM-4:00 PM
TUESDAY

WORKSHOPS

CME
Accredited

1

NEXT-GEN CARE:

SHAPING THE DIGITAL TRANSFORMATION
OF MODERN CARE

• Dr. Anas Almasud

• Dr. Kholood Alyanbaawi



CME
Accredited

2

AI AGENTS TRAINING BOOSTER:

ADVANCEMENTS & INNOVATIONS IN HEALTHCARE

• Dr. Sahar Hashmi





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12/11/2025
2:00 PM-4:00 PM
WEDNESDAY

WORKSHOPS



1

ARTIFICIAL INTELLIGENCE FOR MEDICAL EDUCATORS

● Prof. Mohammed Hassanien



2

ARTIFICIAL INTELLIGENCE TOOLS FOR TRAINEES

● Dr. Abdulraoof Alsaedi



3

ARTIFICIAL INTELLIGENCE FOR PROGRAM COORDINATORS

● Dr. Entisar Alkayal



4

MASTERCLASS IN SYSTEMATIC REVIEW AND META-ANALYSIS

● Prof. Julie Davies





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13/11/2025
2:00 PM-4:00 PM
THURSDAY

WORKSHOPS

1

CME
Accredited

VR OSCE HANDS-ON PRACTICE

- Mr. Eyad Alzaidi
- Ms. Lama Sultan



2

CME
Accredited

SIMULATION BOOTCAMP

- Dr. Faisal Al Ghalib
- Prof. Haneen Alnazzawi
- Dr. Hani Lababidi
- MR. Mohammad Alamer



3

6CME Hrs
APPROVED

ARTIFICIAL INTELLIGENCE FOR PROGRAM DIRECTORS

- Prof. Mohammed Hassanien



4

5CME Hrs
APPROVED

WRITING RESEARCH PROTOCOL FOR MEDICAL EDUCATION

- Dr. Abdullah Alismail
- Dr. Nada Rabie



A Note of Appreciation

KFAFH Organizing committee and Scientific Committee extend their deepest gratitude to our distinguished speakers, panelists, and workshop facilitators.

Your expertise, time and commitment have enriched the conference and inspired all attendees.

Thank you for helping us shape the future of Medical Education—
together.

**With appreciation,
4th Medical Education Conference Committees**



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