



SHAPING THE FUTURE OF HEALTHCARE: Innovations and Insights

Join us in Bahrain for the 4th annual Manama Health Congress and Expo, a leading platform for shaping the future of healthcare in the region

11th - 13th
December 2025



21
CME
HOURS

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In The Presence Of
His Excellency Lieutenant General Doctor Sheikh
Mohammed Bin Abdullah Al-Khalifa
Chairman of the Supreme Council of Health



DR. MARIAM AL JALAHMA
CONGRESS PRESIDENT
CEO OF GOVERNMENT
HOSPITALS



MP. FADI ALAME
PRESIDENT
ARAB HOSPITALS
FEDERATION



MRS. ALICE BOUEIZ
CHIEF EXECUTIVE OFFICER
ARAB HOSPITALS FEDERATION



Dr. Ebrahim Al Newakhtha
SECRETARY GENERAL SUPREME
COUNCIL OF HEALTH



WELCOME MESSAGE

MANAMA HEALTH CONGRESS & EXPO



MR. FADI ALAME
PRESIDENT
ARAB HOSPITALS FEDERATION

It is with great pleasure and a deep sense of shared purpose that we welcome you to Manama Health Bahrain 2025, held under the inspiring theme: “Shaping the Future of Healthcare: Innovations & Insights.”

In an era where health systems are being redefined by rapid innovation, climate urgency, and rising public expectations, this strategic gathering, hosted in partnership between the supreme council of Health in Bahrain and the Arab Hospitals Federation offers a timely and vital platform for reflection, dialogue, and action.

Across three transformative days, this forum brings together a distinguished constellation of Decision makers, senior policymakers, hospital executives, clinicians, researchers, technologists, and innovators from across the Arab world and beyond. Together, we aim to co-create solutions, exchange visionary ideas, and confront the region’s most pressing healthcare challenges with courage, clarity, and commitment.



DR. MARIAM ALJALALMA
CEO GOVERNMENT HOSPITALS
BAHRAIN

The content of Manama Health Bahrain is carefully designed to spark meaningful change. From harnessing the power of artificial intelligence to revolutionize diagnostics and operations, to advancing digital transformation and smart hospital design, the program addresses the technologies shaping tomorrow’s care. Sessions will also explore the future of accreditation in a digital age, the role of virtual care and telehealth in expanding access, and the transformative potential of genomics and precision medicine in personalizing treatment and improving outcomes.

At the heart of this forum lies a strong call to embed sustainability and compassion into the DNA of healthcare systems. Discussions will focus on how to design hospitals that are environmentally responsible and emotionally intelligent, where architecture, technology, and care models all serve the human experience. We will also highlight the strategic integration of the Sustainable Development Goals (SDGs) into healthcare operations, infrastructure, and leadership, reflecting our commitment to global health equity and climate resilience.



MRS. ALICE BOUEIZ
CHIEF EXECUTIVE OFFICER
ARAB HOSPITALS FEDERATION

The forum will feature the official launch of the Manama Declaration, along with the signing of new regional and international partnerships aimed at accelerating progress and collaboration. Manama Health Bahrain is not only a meeting of minds—it is a launching point for impact.

We extend our sincere gratitude to all who made this gathering possible—our partners, speakers, institutions, and supporters. Your contribution is a testament to the region’s growing strength, innovation, and leadership in shaping a healthier, more sustainable future.

Welcome to the Kingdom of Bahrain
where ideas turn into action, and together, we shape the future of healthcare.

ARAB HOSPITALS FEDERATION SCIENTIFIC COMMITTEE



MP. FADI ALAME
PRESIDENT
ARAB HOSPITALS FEDERATION



PROF. TAWFIK KHOJA
GENERAL SECRETARY
ARAB HOSPITALS FEDERATION



**MRS. ALICE
YAMMINE BOUEIZ**
CHIEF EXECUTIVE OFFICER
ARAB HOSPITALS FEDERATION



**MR. BRIAN
DE FRANCESCA**
CHIEF EXECUTIVE OFFICER
VAI



DR. YOUSSEF BASSIM
CHAIRMAN OF DIGITAL HEALTH
TRANSFORMATION AND AI DIVISION
ARAB HOSPITALS FEDERATION



DR. MIREILLE KHALIL
SENIOR PROJECTS OFFICER
ARAB HOSPITALS FEDERATION



DR. ALI EL HAJ
CHAIRMAN OF THE GOVERNANCE
LEADERSHIP & RESEARCH
ARAB HOSPITALS FEDERATION



ORGANIZING COMMITTEE



DR. NOOR DHAIF
DIRECTOR OF OPERATIONS AT
GOVERNMENT HOSPITALS



MS. EMAN ABDULLA
DIRECTOR OF HUMAN RESOURCES
AT GOVERNMENT HOSPITALS



DR. ZAHRA BADER
STRATEGIC HEALTH PLANNING ADVISOR
AND CONSULTANT IN TRAINING & PLANNING
AT THE SUPREME COUNCIL
OF HEALTH (SCH)



MS. MARIAM ALMANASEER
DIRECTOR OF THE COMMUNICATION
DIRECTORATE AT THE MINISTRY
OF HEALTH



MR. ALI TALEB
CHIEF OF THE COMMUNICATION
DEPARTMENT AT GOVERNMENT
HOSPITALS



MS. MAISA AL JOWDER
DIRECTOR OF THE CEO'S
OFFICE AT GOVERNMENT
HOSPITALS



MR. AHMED ALMULLA
HEALTH SERVICES
DEVELOPMENT ADVISER



SCIENTIFIC TEAM



DR. HUSAIN ALHERMI

CHIEF OF STRATEGIC PLANNING AND
PROJECT MANAGEMENT AT
GOVERNMENT HOSPITALS



DR. AZHAR NASEEB

HEAD OF THE CLINICAL RESEARCH UNIT
AT THE NATIONAL HEALTH REGULATORY
AUTHORITY



DR. HAIFA ALJASSIM

DEPUTY HEAD OF MEDICAL SERVICES
AT THE PRIMARY HEALTHCARE CENTRES



SUPPORT TEAM



MS. SABBEHA KAMAL
PATIENT RELATIONS
SPECIALIST



MS. SHARIFA SHARIDA
HEALTH POLICIES &
SYSTEMS SPECIALIST



MS. CHUFRA ALALI
SENIOR PUBLIC
RELATIONS SPECIALIST



MS. FATIMA ALKOOHEJI
PUBLIC RELATIONS
SPECIALIST



DR. ALAA ALZAMROONI
MEDICAL DOCTOR



MR. ALI SABT
PHOTOGRAPHER



DR. SARA ALBASTAKI
STRATEGIC PLANNING &
PROJECT MANAGEMENT
SPECIALIST



MS. EMAN JAMEEL
PUBLIC RELATIONS
SPECIALIST



MR. HUSAIN SALMAN
PUBLIC RELATIONS
SPECIALIST



MR. S. MUSTAFA ALAWI
HEAD OF PUBLIC
HEALTH LICENSING

SPEAKERS



DR. MARIAM ALJALHMA
CEO GOVERNMENT HOSPITALS
BAHRAIN



MR. FADI ALAME
PRESIDENT
ARAB HOSPITALS FEDERATION



MRS. ALICE BOUEIZ
CHIEF EXECUTIVE OFFICER
ARAB HOSPITALS FEDERATION



DR. HESHAM STEIT
CHAIRMAN - UNITED
PROCUREMENT AUTHORITY
EGYPT



PROF. AHMED TAHA
CHAIRMAN OF THE GENERAL
AUTHORITY FOR HEALTHCARE
ACCREDITATION AND REGULATION
SAHAR



DR. ALIREZA HAGHIGHI
CHIEF EXECUTIVE & DIRECTOR,
HARVARD MEDICAL SCHOOL, JBS



DR. SALEM A. AL WAHABI
DIRECTOR GENERAL - SAUDI CENTRAL
BOARD FOR ACCREDITATION OF
HEALTHCARE INSTITUTIONS - CBAM



**MR. BRIAN
DE FRANCESCA**
SPECIAL ENVOY FOR AI AND SYNTHETIC
WORKFORCE DEVELOPMENT ARAB
HOSPITALS FEDERATION



**DR. SHEIKH SALMAN
BIN MOHAMMED
AL KHALIFA**
CHIEF EXECUTIVE OFFICER
THE NATIONAL CYBER SECURITY CENTER
BAHRAIN



DR. JASSIM HAJI
EXECUTIVE ADVISOR AT
HH SHK NASSER AI RAO
CENTRE



DR. YOUSSEF BASSIM
CHAIRMAN OF THE
DIGITAL HEALTH
TRANSFORMATION
& AI DIVISION
ARAB HOSPITALS FEDERATION



**ENG. MONA SAHMAN
AL-SUBAIE**
ADVISER TO ASSISTANT
MINISTER OF HEALTH CDO,
SINA VIRTUAL HOSPITAL



DR. AMENA MALEK
PHYSICIAN QUALITY
EXECUTIVE LEADER



MR. TONY EL ZOGHBI
CHAIRMAN OF THE
STRATEGIC PARTNERSHIP DIVISION
ARAB HOSPITALS FEDERATION



PROF. KHALID FAKHRO
CHIEF RESEARCH OFFICER
& CHAIR OF THE
PRECISION MEDICINE PROGRAM
SIDRA - QATAR



MR. JOSEPH HAZEL
CEO
APEX HEALTH - QATAR



DR. BASSAM KADDISSI
CHAIRMAN OF ARAB
HEALTHCARE SUSTAINABILITY CENTER
ARAB HOSPITALS FEDERATION



DR. OSSAMA SHAHEEN
CHAIRMAN OF SUSTAINABLE
DEVELOPMENT GOALS DIVISION
ARAB HOSPITALS FEDERATION



DR. HAMID RAVAGHI
REGIONAL ADVISOR
FOR HOSPITAL CARE
AND MANAGEMENT
WHO - EURO



MR. UMAR MUNIR
SUSTAINABILITY MANAGER
OPERATION SAFETY & COMPLIANCE
CLEVELAND CLINIC ABU DHABI



DR. ALI EL HAJ
CHAIRMAN OF THE GOVERNANCE
LEADERSHIP & RESEARCH
ARAB HOSPITALS FEDERATION



MR. BOB ISSA
CHIEF MARKETING
OFFICER - APEX HEALTH



DR. AYESHA ALMEMARI
MD, PHD, RESEARCH CONSULTANT
EMERGENCY MEDICINE AND CRITICAL
CARE LAWYER IN TRAINING
ABU DHABI, UAE



DR. ABDULLA ALIBRAHIM

ASSISTANT PROFESSOR KUWAIT
UNIVERSITY



PROF. HAZIM KHAMIS

PROF. OF CARDIOLOGY WTI UNIVERSITY



DR. CHARLES M. OLIVER

DIRECTOR AMANA HEALTHCARE BAHRAIN



PROF. ERIC VIBER

PARIS SACLAY UNIVERSITY,



DR. OUNAS MAHMOOD

HEAD OF CLINICAL AUDIT - GOVERNMENT
HOSPITALS OF BAHRAIN



MANEESH GOYAL

CHIEF OPERATING OFFICER,
RAYC CLINIC PLATFORM



DR. JAMAL HASSAN

MB BCH BAO LCPH (NUI) MRCS
NSC (HCR)



**PROF. NEVINE MAKRAM
LABIB**

CHAIR OF COMPUTER AND INFORMATION
SYSTEMS DEPARTMENT SADAT ACADEMY
FOR MANAGEMENT SCIENCES



MR. VIVEK RAJAGOPAL

GROUP CHIEF ANALYTICS & AI OFFICER
NARAYANA HEALTH



MR. KHUZEMA SIAM

SIAM COMPUTING



KHALID YOUNIS

GENC CT SALES LEADER AND PHILIPPE
KHOURY GENC CT CLINICAL LEADER.



MR. IONUT TARANU

STRATEGY AND BUSINESS INNOVATION
CHAPTER LEAD
ROCHE DIAGNOSTICS WIDDLE EAST



CHANG-SEOK KI

GC GENOME REPRESENTATIVE
DIRECTOR



LAI-SHIUN LAI

DIRECTOR INFORMATION DEPARTMENT,
TAICHUNG VETERANS GENERAL
HOSPITAL, TAIWAN



**WILLIAM ZHANG,
SHENZHEN**

MINORAY BIO-MEDICAL
ELECTRONICS CO., LTD. CHIN



ARUN GOVIND

FOUNDER AND MANAGING DIRECTOR
OF ARINC CONSULTANTS WILL



LEEJOE MAMMEN

REGIONAL DIRECTOR YHMT



DR. SHAI MISAN

HEALTHCARE INNOVATOR | GLOBAL
BUSINESS LEADER | CHAMPION FOR
FUTURE LEADERS



ENG. WAFEEQ AJOOR

AWS CERTIFIED SOLUTIONS
ARCHITECT - ASSOCIATE



MR. AHMED ALHUJAIRY

CEO - THINKSMART
AL EMPOWERING HEALTHCARE



THE CONFERENCE AGENDA



PRE CONFERENCE WORKSHOP 1

What Every Healthcare Professional Should Know About Generative AI: A Starter Kit

ENG. WAFEEQ AJOOR

10 December
17:00-19:00

AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE, PMI-ACP CERTIFIED AGILE PROJECT MANAGER, AWS CERTIFIED DATA ENGINEERING PROFESSIONAL EXECUTIVE IT/CLOUD ADVISOR & NHRA DIGITAL TRANSFORMATION PROGRAM DIRECTOR
NATIONAL HEALTH REGULATORY AUTHORITY (NHRA), KINGDOM OF BAHRAIN

ABSTRACT

Generative AI is rapidly transforming the future of healthcare by empowering machines to generate content from text and images to music, code, and beyond with remarkable accuracy and autonomy. This hands-on workshop dives deep into the power and potential of Generative AI, focusing on how it is reshaping clinical care, research, and health system operations. Designed for immediate application, the workshop offers a structured journey through essential concepts and real-world tools. Participants will begin with a foundational understanding of Generative AI, including its place within the broader AI ecosystem, key technologies like ChatGPT,

and its emerging role in healthcare covering both groundbreaking advancements and current challenges.

The core of the workshop features three interactive skill-building modules:

Part 1: Prompt Engineering for Healthcare: Learn to craft precise prompts to optimize ChatGPT's performance in clinical, administrative, and research tasks.

Part 2: Real World Use Cases: Explore high impact applications of ChatGPT, from patient communication and medical documentation to clinical decision support.

Part 3: Healthcare Analytics with ChatGPT: Harness AI for powerful text analysis, summarization of clinical notes, and data interpretation to support evidence-based decisions.

Whether you're a healthcare professional, researcher, or digital innovator, this workshop will equip you with practical AI skills and critical insights to navigate and lead in the age of Generative AI.

LEARNING OBJECTIVES:

On completion of this workshop, the delegate will be able to:

1. Understand the foundational concepts of Generative AI and its position within the broader AI discipline, with a focus on healthcare applications.
2. Explore the current landscape of ChatGPT in healthcare, including research developments, practical use cases, and existing challenges or ethical concerns.
3. Develop skills in prompt engineering specific to healthcare scenarios to optimize the use of ChatGPT for clinical, administrative, and research tasks.
4. Identify and evaluate practical use cases of ChatGPT in healthcare settings, such as patient communication, medical documentation, and clinical decision support.
5. Apply ChatGPT for healthcare analytics, including text analysis, summarization of clinical notes, and data interpretation to support evidence-based practice.
6. Critically assess the transformative potential and limitations of Generative AI technologies in realworld healthcare environments.

WHO SHOULD ATTEND?

This workshop is designed for healthcare professionals, medical researchers, data analysts, health informaticians, and administrators interested in leveraging Generative AI particularly ChatGPT for clinical, operational, and research purposes. It is also suitable for AI enthusiasts, educators, and decision-makers seeking to understand and apply Generative AI in healthcare settings.

No prior AI expertise is required; a foundational interest in healthcare innovation and digital transformation is encouraged.

WORKSHOP REQUIREMENTS

Participant Devices: Attendees are encouraged to bring a personal device (laptop, tablet, or smartphone) to actively engage in hands-on exercises.



PRE CONFERENCE WORKSHOP 2

Mastering Intelligent Operations: AI for Healthcare Leaders

10 December

17:00-19:00

PROF. NEVINE MAKRAM LABIB, PH.D.

PROFESSOR OF COMPUTER SCIENCE WITH A SPECIALIZED FOCUS ON ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, AND THE CHAIR OF COMPUTER AND INFORMATION SYSTEMS DEPARTMENT AT SADAT ACADEMY FOR MANAGEMENT SCIENCES

ABSTRACT

"This workshop is designed to provide healthcare leaders and administrators with a practical, high-level understanding of how artificial intelligence (AI) can be leveraged to optimize institutional management. Rather than focusing on complex clinical applications, this session will demystify AI's role in improving operational efficiency, financial performance, and administrative workflows.

Through case studies and strategic discussions, participants will leave with a clear roadmap for identifying, piloting, and scaling AI initiatives within their organizations.

Workshop Agenda:

Part 1: The AI Revolution in Healthcare Management

- What is AI?

- The Problem Space: Why Healthcare Needs AI

- Case Study

Part 2: Key AI Applications for Operational Excellence

- Workforce Optimization

- Patient Flow and Experience

- Supply Chain and Resource Management

Part 3: From Strategy to Implementation

- Assessing Your Organization's Readiness

- Developing an AI Roadmap

- Navigating the Ethical and Regulatory Landscape

Part 4: Action Plan & Closure

- Interactive Exercise

- Open Q&A and Discussion

- Next Steps"

LEARNING OBJECTIVES:

"Upon completion of this workshop, participants will be able to:

1. Identify the key areas within their institutions where AI can drive significant operational and financial improvements.
2. Understand the fundamental ethical, security, and data privacy considerations when implementing AI.
3. Develop a preliminary, high-level plan for a pilot AI project within their own organization.
4. Ask informed, strategic questions to vendors and technical teams about AI solutions."

WHO SHOULD ATTEND?

"This workshop is ideal for healthcare professionals who hold decision-making or management roles. This includes:

- Hospital Administrators and Executives
- Clinic and Practice Managers
- Chief Information Officers (CIOs) and IT Directors
- Heads of Finance, HR, and Operations
- Healthcare Consultants
- Policy and Compliance Officers"

DAY ONE AGENDA

HALL (1)
11th December

OPENING OF THE CONGRESS

- ADDRESS OF **DR. MARIAM AL JALAHMA**
CEO - GOVERNMENT HOSPITALS BAHRAIN
- ADDRESS OF **MRS. ALICE YAMMINE BOUEIZ**
CEO - ARAB HOSPITALS FEDERATION
- VIDEO
- BEYOND HUMAN INTELLIGENCE TO CARE: HEALTHCARE IN THE AGE OF AI
DR. ALIREZA HAGHIGHI
CHIEF EXECUTIVE & DIRECTOR, HARVARD MEDICAL SCHOOL.IMSS
- AHF AWARDS
- LAUNCHING OF MANAMA DECLARATION FOR HEALTHCARE TRANSFORMATION
- MOU SIGNING

START AT
10:00AM
ENDS AT
11:00AM

OPENING OF THE EXHIBITION

START AT
11:00AM
ENDS AT
12:00PM

LUNCH BREAK

START AT
12:00AM
ENDS AT
13:00PM

SESSION 1

AI IN HEALTHCARE: HARNESSING OPPORTUNITY, MANAGING RISK AND BUILDING CAPACITY

13:00PM
ENDS AT
14:30PM

Moderator:

MP. Fadi Alame

PRESIDENT - ARAB HOSPITALS FEDERATION

AI DRIVEN EVOLUTION: BAHRAIN'S PATH TO HEALTH CARE EXCELLENCE

"This opening keynote will set the stage for a transformative journey into the future of healthcare in Bahrain, showcasing how artificial intelligence (AI) is poised to drive groundbreaking advancements in the sector. It will offer a strategic, future-focused overview of AI's potential to revolutionize everything from medical education to healthcare delivery and operational efficiency.

The session will delve into the key challenges and opportunities that lie ahead, including governance frameworks, cybersecurity, procurement strategies, and the necessity of systems thinking to integrate AI effectively. The keynote will emphasize the importance of embracing new competencies, fostering collaborative partnerships, and aligning AI initiatives with Bahrain's national priorities.

Designed to inspire and inform, this keynote will equip attendees with the context and vision needed to engage meaningfully with the sessions that follow, paving the way for Bahrain to lead in AI-driven healthcare transformation."

SPEAKER:

Mr. Brian De Francesca

SPECIAL ENVOY FOR AI AND SYNTHETIC WORKFORCE DEVELOPMENT ARAB HOSPITALS FEDERATION

ESTABLISHING LIABILITY IN MEDICAL MALPRACTICE DUE TO ARTIFICIAL INTELLIGENCE (AI) AND ROBOTICS BASED DIAGNOSTIC AND THERAPEUTIC

SPEAKER:

Dr. Ayesha Almemari

MD. FRCPC. MBA.LLB CONSULTANT EMERGENCY MEDICINE AND CRITICAL CARE LAWYER
IN TRAINING ABU DHABI, UAE

RISKS OF AI AND RISKS OF IGNORING IT

"This session will explore the dual challenge of adopting AI in healthcare: the internal risks of bias, system failures, and regulatory issues, alongside the external threats of cyberterrorism and security breaches. Participants will examine how delaying AI adoption can result in rising costs and competitiveness loss, while ungarded implementation opens vulnerabilities such as model manipulation and ransomware. The session will offer practical risk-mitigation strategies, security frameworks, and guidance for building a resilient, AI-enabled healthcare system.

Learning Objectives

- Identify Key Risks of AI Adoption and Avoidance: Understand both the dangers of implementing AI without safeguards and the costs of resisting innovation.
- Explore Emerging Cybersecurity Threats: Gain awareness of how AI expands healthcare's digital threat surface and the role of cyberterrorism.
- Apply Practical Risk Mitigation Strategies: Learn defensive tools like zero-trust models, continuous monitoring, and resilient system design."

SPEAKER:

HE. SHEIKH SALMAN BIN MOHAMMED AL KHALIFA

CEO - THE NATIONAL CYBER SECURITY CENTER - BAHRAIN

ROLE OF UNIFIED PROCUREMENT IN ADVANCING SUSTAINABLE SMART HEALTH SYSTEMS

"With healthcare systems under pressure to become more resilient and efficient, Egypt's Unified Procurement Authority (UPA) stands as a regional model in transforming procurement into a strategic driver of sustainable and smart healthcare. In this keynote, H.E. Dr. Hesham Steit, Chairman of UPA, will present Egypt's journey in unifying medical procurement, logistics, and supply chains under a centralized system that ensures cost-efficiency, transparency, quality, and equity across public healthcare. The session will highlight how UPA leverages strategic purchasing, digital platforms, and green practices to promote local production, enable smart technologies and AI adoption, and strengthen national health security — all in line with Egypt's vision for sustainable health system innovation.

Learning Objectives

- Gain insights from Egypt's Unified Procurement Authority (UPA) on how unified procurement drives sustainability, smart transformation, and health system agility.
- Understand how centralized procurement ensures transparency, cost-efficiency, equitable access, and supports green supply chains and local manufacturing.
- Explore how UPA leverages digital tools, data analytics, and smart platforms to improve procurement performance, strengthen national resilience, and support public health priorities."

SPEAKER:

HE. DR. HESHAM STEIT

CHAIRMAN, UNIFIED PROCUREMENT AUTHORITY – EGYPT

REDEFINING MEDICAL EDUCATION: PREPARING THE AI-READY HEALTHCARE WORKFORCE

"This session will provide a deep dive into how AI is transforming medical education, prompting a rethink of both content and delivery. It will explore what should be taught in light of AI's growing role—shifting the focus from memorization of medical facts to competencies in AI literacy, data interpretation, clinical reasoning, digital ethics, and human-AI collaboration. The session will discuss how traditional curricula may become obsolete, emphasizing the need to remove outdated topics and incorporate continuous learning frameworks. It will also cover innovative delivery methods, such as AI-driven adaptive learning

platforms, virtual reality simulations, and real-time skills assessments. Special attention will be given to upgrading continuing medical education (CME), recognizing that with medical knowledge doubling every 73 days, traditional CME models are insufficient. The session will outline who must be trained (students, practicing clinicians, allied health professionals, administrators), where training should occur (universities, hospitals, remote platforms), and how Bahrain can proactively reform its medical education system to stay at the forefront of global best practice.

Learning Objectives:

- Explore the essential competencies that need to be integrated into medical education in response to AI's increasing role, focusing on AI literacy, data interpretation, clinical reasoning, digital ethics, and human-AI collaboration.
- Understand how traditional medical curricula must evolve to accommodate AI's growing influence, emphasizing continuous learning frameworks and the adoption of innovative teaching methods like AI-driven adaptive learning, virtual reality, and real-time skills assessments.
- Identify strategies for reforming continuing medical education (CME) to ensure healthcare professionals, including students, clinicians, and administrators, are equipped to meet the demands of AI-enhanced healthcare, with a focus on personalized, up-to-date training across universities, hospitals, and remote platforms."

SPEAKER:

DR. JASSIM HAJI

EXECUTIVE ADVISOR TO HIS HIGHNESS SHEIKH NASSER CENTER FOR RESEARCH
AND DEVELOPMENT IN ARTIFICIAL INTELLIGENCE

SESSION 2 : PANEL DISCUSSION

ACCREDITATION STANDARDS OF THE FUTURE HOSPITAL: REIMAGINING QUALITY IN THE DIGITAL HEALTH ERA

START AT
14:30PM
ENDS AT
15:30PM

MODERATOR:

DR. YOUSSEF BASSIM

CHAIRMAN OF THE DIGITAL HEALTH TRANSFORMATION & AI DIVISION ARAB HOSPITALS FEDERATION

"As hospitals evolve into digitally enabled, patient-centric ecosystems, traditional accreditation models are being tested. With the rise of virtual care, AI-powered diagnostics, cloud-based systems, and smart hospital infrastructure, the definition of quality, safety, and accountability must adapt. This high-level panel will explore how accreditation frameworks must be reimagined to reflect this transformation — ensuring they capture not only operational excellence and patient safety, but also digital integration, data governance, ethical innovation, and equity. Experts from regulation, healthcare delivery, and innovation will discuss how to reshape accreditation to guide, not hinder, progress - and to build trust in a future where hospitals are no longer confined by walls, but empowered by intelligent systems and interconnected care."

PANELISTS:

PROF. DR. AHMED A. TAHA

CHAIRMAN OF THE GENERAL AUTHORITY FOR HEALTHCARE ACCREDITATION AND REGULATION GAHAR

DR. SALIM ALWAHABI

DIRECTOR GENERAL - SAUDI CENTRAL BOARD FOR ACCREDITATION OF HEALTHCARE INSTITUTIONS - CBAHI

DR. AMENA MALEK

PHYSICIAN QUALITY EXECUTIVE LEADER

SOCIAL PROGRAM & GALA DINNER BY INVITATION

START AT
18:00PM
ENDS AT
21:00PM

DAY TWO AGENDA

(Hall 1)
12th December

SESSION 3

Innovation & Digital Health Breakthroughs in Hospital Operations

START AT
09:00^{AM}
ENDS AT
10:30^{AM}

Moderator:

MR. TONY EL ZOGHBI

CHAIRMAN OF THE STRATEGIC PARTNERSHIP DIVISION, ARAB HOSPITALS FEDERATION

CARE BEYOND HOSPITAL: REDEFINING HEALTHCARE DELIVERY ACROSS THE CONTINUUM

"As healthcare systems shift from volume to value, the concept of care is no longer confined within hospital walls. Care Beyond Hospital explores how healthcare providers can extend their reach to deliver continuous, coordinated, and patient-centered care across the entire continuum—spanning primary care, community services, digital health, and home-based care.

This lecture will examine emerging models that integrate technology, data, and community-based strategies to improve health outcomes, reduce readmissions, and enhance patient experience. It will also address the importance of multidisciplinary collaboration and how providers can better engage patients in managing their health outside hospital settings. Through regional and global case studies, participants will gain insights into how health systems are rethinking care delivery to meet growing demands, close gaps in access, and support long-term sustainability.

Learning Objectives:

- Understand how innovation in technology is shaping healthcare delivery in the Qatar and the wider Middle East.
- Learn about the impact of AI and big data in improving operational management, patient care, and clinical decision-making.
- Gain insights into how digital health platforms are enhancing patient engagement and satisfaction.
- Explore the role of smart hospitals and telemedicine in expanding access to care, particularly in remote and underserved areas.
- Examine the policy frameworks and public-private partnerships that are enabling healthcare innovation in the Arab World."

SPEAKER:

MR. JOSEPH HAZEL

CEO - APEX HEALTH - QATAR

DAY TWO AGENDA

GENOMICS IN HEALTHCARE: TRANSFORMING PATIENT CARE AND HOSPITAL OPERATIONS

"Genomics is no longer a distant promise—it is a transformative force reshaping how hospitals operate and how healthcare is delivered. In this session, we'll dive deep into how genomic advancements are enhancing patient care through precision medicine, improving diagnosis accuracy, and enabling tailored treatment plans that significantly impact health outcomes. But genomics isn't just about the individual patient—it's also optimizing hospital operations by streamlining workflows, reducing unnecessary procedures, and empowering clinicians to make more informed decisions.

We'll explore how integrating genomic data into clinical settings is creating a paradigm shift, enabling hospitals to adopt smarter approaches to patient management and resource allocation. You'll hear how genomics is driving hospital-wide improvements from reducing readmission rates to enabling more targeted treatments, ultimately lowering costs and improving patient satisfaction.

Learning Objectives

- Learn how genomics is advancing precision medicine and personalized care in clinical settings.
- Understand the operational benefits of genomics, including improved efficiency, cost reduction, and more effective use of resources.
- Discover how genomic insights are transforming diagnostic accuracy and treatment customization.
- Explore case studies of hospitals implementing genomics to achieve tangible improvements in patient outcomes and hospital operations."

SPEAKER:

PROF. KHALID FAKHRO

CHIEF RESEARCH OFFICER & CHAIR OF THE PRECISION MEDICINE PROGRAM, SIDRA, QATAR

TELEHEALTH AND VIRTUAL CARE: EXPANDING ACCESS AND EFFICIENCY

"What if healthcare could be as accessible as the touch of a button? In this dynamic session, we explore how telehealth and virtual care are transforming the healthcare landscape by making medical services more accessible, efficient, and patient-centered. Telehealth isn't just about convenience—it's reshaping how hospitals deliver care, improve patient outcomes, and optimize resource allocation, all while reducing costs. We'll delve into how virtual care technologies are breaking down geographical and logistical barriers, enabling patients to receive timely consultations, follow-ups, and monitoring without leaving their homes. This session will also highlight how hospitals are integrating telehealth into their operations to streamline processes, reduce waiting times, and improve the overall patient experience.

Learning Objectives

- Explore the transformative role of telehealth in improving access to care, especially for underserved populations.
- Learn how virtual care technologies are improving healthcare efficiency by optimizing hospital resources and reducing patient wait times.
- Understand the integration of telehealth into hospital operations, including the challenges and strategies for scaling virtual care models.
- Discover real-world examples of hospitals successfully leveraging telehealth to enhance patient care, reduce costs, and increase patient satisfaction."

SPEAKER:

DR. MUNA SEBAI

CEO, SEHA VIRTUAL HOSPITAL - KSA

COFFEE BREAK

STARTS AT
10:30 AM

ENDS AT
11:00 AM

Session 4:

SUSTAINABLE BY DESIGN, CENTERED ON CARE

MODERATOR:

DR. BASSAM KADDISSI

CHAIRMAN OF ARAB HEALTHCARE SUSTAINABILITY CENTER
ARAB HOSPITALS FEDERATION

START AT
11:00AM
ENDS AT
12:30AM

BUILDING TOMORROW'S HOSPITALS: CHAMPIONING SUSTAINABILITY AND LEADERSHIP IN ARAB HEALTH CARE

"As global healthcare systems face unprecedented challenges, the need for sustainable hospital design and operations has never been more urgent. This lecture will explore the critical role of sustainability in shaping the hospitals of tomorrow, aligning with the COP28 and COP29 goals to reduce carbon emissions and mitigate the effects of climate change. More importantly, it will highlight the World Health Organization's (WHO) pivotal role in advocating for sustainable healthcare practices within both the public and private sectors across the globe.

With healthcare systems being significant contributors to global carbon emissions, the lecture will discuss how WHO's sustainable healthcare framework has guided health leaders to adopt green building practices, energy-efficient technologies, and renewable energy solutions.

WHO's advocacy extends beyond policy development—it includes collaborating with governments, healthcare providers, and the private sector to promote environmentally responsible practices that reduce the environmental footprint of healthcare facilities while enhancing patient care and operational efficiency. By exploring real-world case studies and success stories, this lecture will demonstrate how healthcare leaders in the Arab world can drive the transformation of their hospitals into sustainable, energy-efficient, and climate-resilient facilities.

Attendees will understand how to leverage the WHO's guidance and COP28/COP29 recommendations to integrate smart, green infrastructure into hospital design, ensuring both environmental sustainability and improved patient outcomes.

Key takeaways will include:

- The role of WHO in advocating for sustainable hospital design and helping both the public and private sectors adopt best practices to align with global climate goals.
- Practical strategies for integrating energy-efficient technologies and sustainable building practices into hospital infrastructure, significantly reducing carbon footprints.
- The importance of leadership in guiding hospitals toward sustainability by creating a vision that aligns with WHO's sustainability framework and climate action commitments.
- How to implement renewable energy solutions, zero-waste systems, and circular economy principles in both public and private healthcare facilities to foster long-term environmental and financial sustainability.

This lecture will inspire healthcare leaders, designers, and policymakers to champion a green future for healthcare, guided by WHO's leadership, and motivated by the urgency of achieving sustainability goals as outlined in COP28 and COP29.

Participants will leave with a deeper understanding of how to create hospitals that are not only centers of care but also pillars of environmental responsibility, playing an active role in global health and climate action."

SPEAKER:

DR. HAMID RAVAGHI

REGIONAL ADVISOR FOR HOSPITAL CARE AND MANAGEMENT - WHO - EMRO

SDG'S IN ACTION: SHAPING THE FUTURE OF SUSTAINABLE HEALTHCARE FACILITIES IN THE ARAB WORLD

"Sustainability is a strategic priority for the Arab Hospitals Federation, and through its Healthcare Sustainability Division, the Federation is leading the transformation toward safe, smart, and sustainable healthcare facilities across the Arab region. This session highlights the critical role of hospital design, green operations, and innovative technologies in building resilient and future-ready healthcare systems. It will explore practical strategies for implementing energy-efficient infrastructure, reducing waste, integrating renewable energy, and adopting circular economy models—all while improving patient care and staff wellbeing. Drawing from regional experiences and the work of the Arab Healthcare Sustainability Center, the session will provide a clear roadmap for hospitals aiming to align healthcare delivery with environmental responsibility.

Get ready to rethink the future of healthcare facilities where sustainability goes beyond cost savings to drive innovation, enhance patient care, improve operational performance, and leave a lasting, positive impact on the community and the planet. This session isn't just about going green, it's about redefining what it means to care for people, the planet, and the future.

Learning Objectives

- Explore sustainable design and technologies that go beyond traditional green practices.
- Identify strategies to reduce carbon footprint and improve resource efficiency in hospitals.
- Understand how sustainability enhances care quality, staff wellbeing, and operational performance.

SPEAKER:

DR. OSSAMA SHAHEEN

CHAIRMAN OF THE SUSTAINABLE DEVELOPMENT GOALS DIVISION ARAB HOSPITALS FEDERATION

SUCCESS STORY: PIONEERING SUSTAINABILITY IN HEALTHCARE

"Cleveland Clinic Abu Dhabi is not only a beacon of medical excellence but also a leader in sustainability, blending cutting-edge technology with environmentally conscious practices to create a holistic, patient-centered healthcare environment.

As a global leader in healthcare, Cleveland Clinic Abu Dhabi has set the benchmark for how hospitals can deliver world-class care while minimizing their environmental footprint. The hospital's commitment to sustainability is reflected in its design and operational practices, which incorporate energy-efficient systems, water conservation measures, and eco-friendly building materials. Cleveland Clinic Abu Dhabi has embraced green hospital practices, ensuring that sustainability is integrated into every aspect of its operations—from reducing waste and emissions to implementing renewable energy solutions.

These efforts contribute to the hospital's recognition as one of the most sustainable healthcare institutions in the region. On the innovation front, Cleveland Clinic Abu Dhabi has incorporated the latest in medical technology, such as AI-driven diagnostics, telemedicine platforms, and advanced electronic health records, all of which support enhanced patient care, safety, and operational efficiency. The combination of these technologies with sustainable practices ensures that the hospital not only provides high-quality care but does so in a way that is mindful of its environmental and community impact. This success story exemplifies how Cleveland Clinic Abu Dhabi has led the charge in creating a sustainable, green hospital model that combines innovation, patient safety, and operational efficiency, all while making a positive contribution to the environment."

SPEAKER:

MR. UMAR MUNIR

SUSTAINABILITY MANAGER - OPERATION SAFETY AND COMPLIANCE CLEVELAND CLINIC ABU DHABI

LUNCH BREAK

START AT
12:30PM
ENDS AT
14:00PM

SESSION 5

START AT
14:00PM
ENDS AT
15:00PM

PANEL DISCUSSION: PERSON-CENTERED CARE: A VISION FOR THE FUTURE OF HEALTHCARE

Moderator:

DR. ALI EL HAJ

CHAIRMAN OF THE GOVERNANCE, LEADERSHIP & RESEARCH DIVISION
ARAB HOSPITALS FEDERATION

"In this panel, we will explore the future of healthcare through the lens of Person-Centered Care, an approach that places patients at the heart of decision-making and care delivery. Our expert panelists, ranging from healthcare leaders, clinicians, and technology experts, will discuss how hospitals can integrate the core principles of PCC, foster a culture of empathy, and use innovative tools to enhance patient care. We'll focus on the key pillars of PCC, including patient empowerment, technology, cultural competence, and emotional well-being, and how they can shape a more compassionate, efficient, and sustainable healthcare system."

PANELISTS:

DR. MARIAM ALJALAHMA

CEO OF GOVERNMENT HOSPITALS IN BAHRAIN

MR. BRIAN DE FRANCESCA

SPECIAL ENVOY FOR AI AND SYNTHETIC WORKFORCE DEVELOPMENT ARAB HOSPITALS FEDERATION

MR. BOB ISSA

CHIEF MARKETING OFFICER APEX HEALTH

Day3:13th Dec. 2025 Venue:Hall (1)

Theme 1:

Theme 1:Artificial intelligence in healthcare: transforming the practice of medicine

SUBJECT

Integrating AI and Data analytics into healthcare operations

DESCRIPTION

This session will focus on how data driven decision making reshapes healthcare systems, improve patient outcome, and reduces costs

SPEAKER

DR. ABDULLA I. ALIBRAHIM

ASSISTANT PROFESSOR OF INDUSTRIAL & MANAGEMENT SYSTEMS ENGINEERING KUWAIT UNIVERSITY

START AT

09:00AM

ENDS AT

09:30AM

SUBJECT

Application of Artificial intelligence in Medical Education

DESCRIPTION

Ethically and mentally stable AI agents in Medicine

SPEAKER

DR. SHAI MISAN

HEALTHCARE INNOVATOR | GLOBAL BUSINESS LEADER | CHAMPION FOR FUTURE LEADERS

START AT

09:30AM

ENDS AT

10:00AM

SUBJECT

**AI system for ward round and multidisciplinary meeting transcription direct into the EMR:
Amana Healthcare Bahrain**

DESCRIPTION

Showcasing the use of ambient voice transcription direct into EMR at Amana Healthcare: leveraging technology to increase efficiency, accuracy of note keeping and accountability in multidisciplinary teams.

SPEAKER

DR. CHARLES M. OLIVER

MEDICAL DIRECTOR

AMANA HEALTHCARE BAHRAIN

DR. ALAA HASSAN

THERAPY LEAD

AMANA HEALTHCARE BAHRAIN

START AT

10:00AM

ENDS AT

10:30AM

SUBJECT

AI Empowering Healthcare

DESCRIPTION

This session will provide a deep dive into how AI is revolutionizing healthcare by enabling early disease detection through advanced data analysis and predictive algorithms. It empowers healthcare professionals with tools for personalized treatment plans, improving patient outcomes and reducing costs. Additionally, AI-driven automation in administrative tasks allows medical staff to focus more on patient care, enhancing overall healthcare efficiency.

SPEAKER

MR. AHMED ALHUHAIRY

CEO THINK SMART CHAIRMAN & CEO, GULF FUTURE BUSINESS, MEMBER OF MICROSOFT PARTNER ADVISORY COUNCIL (PAC) |

SECRETARY GENERAL OF ARAB ICT UNION

START AT

10:30AM

ENDS AT

11:00AM

COFFEE BREAK

START AT 11:00AM ENDS AT 11:30AM



SUBJECT

Digital Twins

DESCRIPTION

how to replicate a patient in the digital world in order to help the diagnosis and cure.

SPEAKER

PROF. ERIC VIBER

PARIS SACLAY UNIVERSITY

START AT

11:30AM

ENDS AT

12:00PM

SUBJECT

Digital Transformation in Healthcare Services Government Hospitals- Bahrain

SPEAKER

DR. OUNAS MAHMOOD

HEAD OF CLINICAL AUDIT - GOVERNMENT HOSPITALS OF BAHRAIN

START AT

12:00PM

ENDS AT

12:30PM

SUBJECT

Harnessing the power of platform thinking to transform healthcare through AI and data driven insights

DESCRIPTION

This keynote explores how healthcare platforms are evolving to foster secure, ethical, and scalable collaboration across the global health ecosystem. With a strong emphasis on privacy, regulatory compliance, and responsible AI, Participants will learn how this collaborative model supports a continuous cycle of innovation: from initial exploration and model development to rigorous validation and clinical integration.

SPEAKER

MANEESH GOYAL

CHIEF OPERATING OFFICER, MAYO CLINIC PLATFORM

START AT

12:30PM

ENDS AT

13:00PM

SUBJECT

AI In Medical Education

DESCRIPTION

Acknowledging the immense role of artificial intelligence in medical education in the current era of rapidly growing technology.

SPEAKER

DR. JAMAL HASSAN

MB BCH BAO LRCPI (NU) MRCSI MSC. (HCM)

START AT

13:00PM

ENDS AT

13:30PM

Day3:13th Dec. 2025 Venue: Hall (2)

Theme 2:

Theme 2: AI, Automation & Data Infrastructure in Health Systems

SUBJECT

AI triaging systems

DESCRIPTION

AI triage systems use artificial intelligence to quickly and accurately assess patients' conditions, prioritize treatments, and optimize workflows in healthcare settings like emergency departments and radiology. By analyzing vast amounts of clinical data, these systems classify patients by acuity, helping to focus medical staff's attention on complex cases and improving overall patient care efficiency.

SPEAKER

MR. VIVEK RAJAGOPAL

GROUP CHIEF ANALYTICS & AI OFFICER AT NARAYANA HEALTH

START AT

09:00AM

ENDS AT

09:30AM

SUBJECT

Healthcare Without Walls: AI-Powered Patient Experience

DESCRIPTION

Enabling real-time insights and predictive care across systems.

SPEAKER

MR. KHUZEMA SIAM

SIAM COMPUTING

START AT

09:30AM

ENDS AT

10:00AM

SUBJECT

How AI drive advances in Cardiac Imaging.

DESCRIPTION

This session will provide auto detection of calcium in coronary arteries based on AI system and introducing a new feature in cardiac (Scanning without ECG - ECG Less).

SPEAKER

MR.BECHARA ZACCA

GE HEALTHCARE CT CLINICAL LEADER

START AT

10:00AM

ENDS AT

10:30AM

SUBJECT

Transforming healthcare with AI innovation

DESCRIPTION

This presentation outlines Roche's strategic implementation of Artificial Intelligence (AI) to address critical challenges within the healthcare sector. It highlights the exponential growth of healthcare data and the concurrent rise of AI technologies as pivotal forces for industry transformation. Roche's vision focuses on leveraging AI across the entire patient journey, from early disease prediction and diagnosis to operational efficiency and personalized care.

SPEAKER

MR. IONUT TARANU

STRATEGY AND BUSINESS INNOVATION CHAPTER LEAD ROCHE DIAGNOSTICS MIDDLE EAST

START AT

10:30AM

ENDS AT

11:00AM

COFFEE BREAK

START AT **11:00AM** ENDS AT **11:30AM**

SUBJECT

AI Based Cancer Screening

DESCRIPTION

Exploring how can AI systems are trained in detecting cancer presence or predicting a tumor's genetic profile and how it can forecast patient survival across multiple cancer types.

SPEAKER

MR. CHANG-SEOK KI

GC GENOME REPRESENTATIVE DIRECTOR

START AT
11:30AM
ENDS AT
12:00PM

SUBJECT

improving administrative efficiency of medical institutions using medical IoT

DESCRIPTION

IOT devices can automate numerous administrative tasks, from patient check-ins to appointment scheduling, thereby reducing the burden on healthcare staff

SPEAKER

MR. LAI-SHIUN

LAI DIRECTOR, INFORMATION DEPARTMENT, TAICHUNG VETERANS GENERAL HOSPITAL, TAIWAN

START AT
12:00PM
ENDS AT
12:30PM

SUBJECT

How Mindray Intelli-Digital Solution Supports Healthcare Transformation.

DESCRIPTION

Focusing on core clinical innovations, enhancing operational efficiency, advancing health equity, empowering talent and academic development, and fostering human-centered healthcare.

SPEAKER

WILLIAM ZHANG

SHENZHEN MINDRAY BIO-MEDICAL ELECTRONICS CO., LTD. China

START AT
12:30PM
ENDS AT
13:00PM

SUBJECT

AI in Supply Chain: Optimizing operations, and enhancing efficiency

DESCRIPTION

AI in supply chains uses technologies like machine learning to analyze vast datasets, optimize operations, improve decisionmaking, and enhance efficiency, resilience, and sustainability. Key applications include more accurate demand forecasting, optimized inventory management, streamlined logistics and route optimization, automated supplier selection, predictive maintenance for equipment, and enhanced worker safety through computer vision.

SPEAKER

MR. ARUN GOVIND

FOUNDER AND MANAGING DIRECTOR OF ARHC CONSULTANTS WLL,

START AT
13:00PM
ENDS AT
13:30PM

SUBJECT

The Evolution of Pharmacy Automation: How Technology is Changing the Industry

DESCRIPTION

This presentation will explore how Bahrain's healthcare sector has successfully implemented foundational pharmacy automation and what these achievements mean for the future of patient care as we embrace advanced technologies like closedloop medication administration, personalized unit-dose dispensing, and a shared national prescription platform

SPEAKER

MR. LEEJOE MAMMEN

REGIONAL DIRECTOR YMHI

START AT
13:30PM
ENDS AT
14:00PM



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