



CONFERENCE PROGRAM 20 - 22 NOVEMBER 2018

INTERCONTINENTAL CITYSTARS, CAIRO, ARAB REPUBLIC OF EGYPT

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BACKGROUND

The biomedical sciences and consequently the healthcare services are facing different challenges from broad spectrum. Accordingly, the consistent provision of the healthcare services and the rapid progressions in the adopted current medical treatments, utilizing the biomedical and the advanced information technology, position the biomedical engineering systems and technologies as a top priority for the states' leaders, policy makers, governments, practitioners, including; engineers, biologists, healthcare professionals and informatics scientists. The new medical-tech era has proven its positive impact in providing a better healthcare environment and facilities. Consequently, the medical sector is continuously upgrading its technology capacities and its healthcare management by also developing the biomedical technologies, systems and equipment.

The Arab countries are considerably called for serious collaborations between field experts, practitioners, researchers, informatics, scientists and healthcare professionals to exchange and discuss the best suitable methodology for the Arab Biomedical Engineering Standards.

BioClinic-4 will focus on plans and support need for People, Process and Technology in our region to improve quality of patient care.

CONFERENCE LANGUAGES

Arabic and English are the accredited languages of the conference & workshops with simultaneous interpretation from Arabic to English and vice versa in the main sessions.

TUESDAY 20 NOVEMBER 2018 - DAY 01

07:30 – 16:00 —● REGISTRATION

10:30 – 12:30 —● 3 PARALLEL WORKSHOPS

WORKSHOP 01

Clinical Simulation

Dr. Mehmet Emin Aksoy

Training Center Director
CASE (Center Of Advanced
Simulation And Education) -
Acibadem University, Turkey

WORKSHOP 02

Health Technology Assessment

Dr. Hashem Al-Fadel

Chairman of Temos Assessors
Advisory Board and Regional
Director for Jordan and KSA
Temos International
Accreditation, Jordan

WORKSHOP 03

Medical Equipment Safety According to Accreditation Standards

Ibrahim Andijani

Certified Hospital Surveyor
Consultant Biomedical Engineer
Prince Sultan Military Medical
City, Saudi Arabia

12:30 - 13:00 —● COFFEE BREAK

13:00 - 15:00 —● 3 PARALLEL WORKSHOPS

WORKSHOP 04

Cyber Security in Healthcare System

Eng. Riad Farah

Medical Engineering Manager
Saint George Hospital
Lebanon

WORKSHOP 05

Image Guided Neurosurgical Navigation Technology: Pushing the Limits of Conventional Neurosurgery

Dr. Lahbib Soualmi

Consultant
Image Guided Neurosurgical
Navigation King Fahad
Medical City
Saudi Arabia

WORKSHOP 06

Latest Trends in Health Technology Management

Dr. Iyad Mobarek

General Manager, GE
Healthcare Education Solutions,
Jordan

END OF DAY 01

07:00 – 14:00 —● REGISTRATION

09:00 – 10:15 —● **SESSION 01: INNOVATIVE TECHNOLOGIES TO TRANSFORM QUALITY OF PATIENTCARE**

MODERATOR

Dr. Ibrahim Andijani Certified Hospital Surveyor, Consultant Biomedical Engineer, Prince Sultan Military Medical City, Saudi Arabia

Clinical Simulation, Impact on Quality of Patient Care

Dr. Mehmet Emin Aksoy Department of Biomedical Device Technology
Acibadem University

Neuronavigation Technology: Deploying that relèvent Information in the Surgical Field

Dr. Lahbib Soualmi Consultant, Image Guided Neurosurgical Navigation
King Fahad Medical City, Saudi Arabia

Brain Cognitive Assessment and Enhancement

Dr. Hasan Alnashash Professor and Director of the Biomedical Engineering Graduate Program American University of Sharjah

10:15 – 10:30 —● **COFFEE BREAK**

10:30 – 12:00 —● **SESSION 02: E-HEALTH TRANSFORMATION IN HEALTHCARE IN ME REGION**

MODERATOR

Dr. Hashem Al-Fadel Chairman of Temos Assessors Advisory Board and Regional Director for Jordan and KSA Temos International Accreditation, Jordan

Challenges and Opportunities in ME Countries Healthcare in Transforming to E-Health

Dr. Ahmed Al Barrak Chairman, Health Informatics Research Chair,
King Saud University, Saudi Arabia

Role of Clinical Engineering in Healthcare Digital transformation

Dr. Iyad Mobarek General Manager, GE Healthcare Education Solutions, Jordan

Healthcare Digital Transformation Challenges

Mr. Islam Elbarbari Senior Sales Manager Africa, General Electric Digital, Egypt

12:00 - 12:30 —● COFFEE BREAK

12:30 – 13:45 —● **SESSION 03: HEALTH TECHNOLOGY MANAGEMENT (HTM)**

MODERATOR

Dr. Ahmed Al Barrak Chairman, Health Informatics Research Chair,
King Saud University, Saudi Arabia

Latest Trends in HTM And Readiness for Fully Digitized Healthcare System

Dr. Iyad Mobarek General Manager, GE Healthcare Education Solutions, Jordan

The Impact of Quality Standards Applications in the Health Technology Management in Saudi Arabia

Dr. Mounir Naouar - Professor at Medical Equipment Technology Department
College of Applied Medical Sciences, Prince Sattam Bin AbdulAziz University, Saudi Arabia

HTM and Quality of Patientcare

Dr. Hashem Al-Fadel Chairman of Temos Assessors Advisory Board and Regional
Director for Jordan and KSA, Temos International Accreditation, Jordan

13:45 – 14:00 —● COFFEE BREAK

14:00 – 15:30 —● **SESSION 04: REGULATION AND PATIENT SAFETY**

MODERATOR

Dr. Iyad Mobarek General Manager, GE Healthcare Education Solutions, Jordan

Regional Experience in Regulation And Healthcare Safety from Saudi Arabia

Dr. Ibrahim Andijani Certified Hospital Surveyor, Consultant Biomedical Engineer,
Prince Sultan Military Medical City, Saudi Arabia

Safety issues in Clinical Informatics

Dr. Ahmed Al Barrak Health Informatics Research Chair,
King Saud University Saudi Arabia

Human Factors Engineering and Risk Management

Dr. Moussa Habib Dean of School of Social and Basic Sciences,
Al Hussein Technical University, Jordan

Use ISO 13485 as a Management System to Endure the Quality of the Medical Devices Production

Dr. Abdelfattah Mahmoud Quality And Environmental Consultant, Egypt

FUTURE LEADERS IN BIOMEDICAL ENGINEERING FORUM

07:00 – 14:00 —● REGISTRATION

09:00 - 10:00 —● **OPENING SESSION KEY NOTE PRESENTATION:**
**BUILDING COMPETENCIES FOR BIOMEDICAL ENGINEERS
TO BE READY FOR HOSPITALS OF THE FUTURE AND FULLY
DIGITIZED HEALTHCARE SYSTEMS**

10:00 - 10:15 —● COFFEE BREAK

10:15 – 12:15 —● **2 PARALLEL LEADERSHIP SESSIONS**

SESSION 01

Innovation & Entrepreneurship in Biomedical Engineering

Dr. Ahmed Al Barrak

Chairman, Health Informatics Research Chair,
King Saud University, Saudi Arabia

SESSION 02

Effective Leadership & Communications and Influencing Skills

Mahmoud Iskandarani

Co-Founder and Managing Partner, Business
Development,
Leap To Success, UAE

12:15 – 12:30 —● COFFEE BREAK

12:30 – 14:00 —● **PANEL SESSION: PANELISTS FROM UNIVERSITIES,
ORGANIZATIONS AND LEADING HEALTHCARE INSTITUTIONS
AND COMPANIES**

Panel session to discuss the status and importance of collaborations between academic institutions and healthcare public & private institutions to support leadership competencies of future leaders.