



Agenda
Healthcare institutions design
26th May 2008 – 29th May 2008
Marriott Jeddah

Day One: Monday, May 26th, 2008

Time	Topic	Speaker
08:30 AM – 09:00 AM	Registration and Coffee	
09:00 AM – 09:10 AM	Chairman's Welcome and Opening Remarks	
09:10 AM – 09:30 AM	VIP Welcoming Remarks	
09:30 AM – 10:15 AM	The History of Hospitals in Islamic World The origin of hospital in the Islamic world Hospital design in the early Islamic time Type of hospitals in Islamic era Influence of Islam through the history of medicine	Malek El Hussein, (P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC)
10:15 AM – 10:50 AM	Planning Hospitals: Getting it Right and Avoiding Classical Errors Feasibility Study Project Brief Planning Errors Cost Factors	Malek El Hussein, (P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC)
10:50 AM – 11:20 AM	Refreshments and Networking	
11:20 AM – 12:00 PM	Hospital Design: A Competition of Virtues Circulation and Functional Relationships Capital versus Operating Costs What Price Cost Reduction? Planning for Outsourcing	Joel J. Nobel, MD, Founder & President Emeritus, ECRI Institute
12:00 PM – 12:30 PM	Prayer Interlude	
12:30 PM – 13:45 PM	Lunch	
13:45 PM – 14:15 PM	Hospital Project Management Facility Planning Design Development Medical equipment planning Type of project construction	Malek El Hussein, (P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC)
14:15 PM – 15:00 PM	Latest Trends in Health Facility Design Hospital of the future Improving patient safety Design guidelines	Malek El Hussein, (P.E., M.Eng. Business Development Manager for Performance Solutions,



Time	Topic	Speaker
		GEHC)
15:00 PM – 15:30 PM	Refreshments and Networking	
15:30 PM – 16:10 PM	Effective Medical Equipment Planning What is effective medical equipment planning Who is responsible Keys to success	Joel J. Nobel , MD, Founder & President Emeritus, ECRI Institute
16:10 PM – 16:30 PM	Questions and Answers and Discussion	



Day Two: Tuesday, May 27th, 2008

Time	Topic	Speaker
09:00 AM - 09:50 AM	Strategic Technology Planning Issues in the healthcare What is technology The need for a better approach Benefits-new technology decision making approach	Dr. Mahmoud Adil Madani
09:50 AM - 10:40 AM	General Orientation to Healthcare Technology Introduction Nomenclature Concepts and Definitions Technology in Perspective Technology Assessment	Joel J. Nobel, MD, Founder & President Emeritus, ECRI Institute
10:40 AM - 11:10 AM	Refreshments & Networking Break	
11:10 AM - 12:00 PM	Planning and Specification of Hospital information Systems Structure Systems requirements Cost versus benefits Challenges	Joel J. Nobel, MD, Founder & President Emeritus, ECRI Institute
12:00 PM - 12:30 PM	Prayer Interlude	
12:30 PM - 13:45 PM	Lunch	
13:45 PM - 14:30 PM	The Impact of Medical Advancements on Health Facility Design Back to the Future The Balance between Inpatient and Outpatient Services Diagnostic and Therapeutic Technologies: The Next Decade Patient Demographic, acute Versus Chronic Disease and Facility Implications The Unknown Future and Flexible Healthcare Facilities	Joel J. Nobel, MD, Founder & President Emeritus, ECRI Institute
14:30 PM - 15:15 PM	OR and ICU design, infection control perspectives Risk area inside the hospital Infection control strategies Operating Room and Intensive Care Set up	Malek El Hussein, P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC
15:15 PM - 15:30 PM	Refreshments & Networking Break	
15:30 PM - 16:30 PM	Public Private Partnerships (PPP) for Healthcare Projects Definition of PPP Examining various models of PPP	Malek El Hussein, P.E., M.Eng. Business Development



Time	Topic	Speaker
	Key considerations in PPP Developing the model for GCC Questions, Answers and Discussion	Manager for Performance Solutions, GEHC
16:30 PM	Adjourn	



Day Three: Wednesday, May 28th, 2008

Time	Topic	Speaker
09:00 AM - 09:40 AM	<p>Responsibilities of the Biomedical Engineer</p> <p>Role & responsibilities of biomedical Engineer</p> <p>Convergence between biomedical engineering and Information technology</p> <p>Changes in healthcare environment</p> <p>The future of biomedical engineering</p>	Dr Salah Al-Khallagi
09:40 AM - 10:20 AM	<p>Medical Device Safety and Accident Investigation</p> <p>Causes of Device Failures</p> <p>Mechanisms of Patient Injury</p> <p>Preservation of Evidence</p> <p>Frequently Implicated Devices</p> <p>Dealing with User Error</p>	Joel J. Nobel, MD, Founder & President Emeritus, ECRI Institute
10:20 AM - 10:45 AM	Refreshments and Networking Break	
10:45 AM - 12:40 PM	<p>Medical Equipment and Asset Management</p> <p>Equipment management definition</p> <p>Equipment management Challenges</p> <p>Equipment service options</p>	Malek El Hussein, P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC
12:40 PM - 13:00 PM	Prayer Interlude	
13:00 PM - 14:20 PM	Lunch	
14:20 PM - 15:00 PM	<p>Open discussion</p> <p>Trends in healthcare design</p> <p>Future of healthcare technologies</p> <p>Changes in the healthcare systems in the GCC</p>	Malek El Hussein, P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC
15:00 PM - 15:20 PM	Refreshment and Networking Break	
15:20 PM - 16:30 PM	<p>Procurement of Medical Equipment</p> <p>Specifications & tendering</p> <p>Information & experience based approaches</p> <p>Current price versus future cost</p> <p>Price versus life cycle cost</p> <p>Capital budget versus operating budget</p>	Dr. Ibrahim Andijani
16:30 PM	Adjourn	



Day Four: Thursday, May 29th, 2008

Time	Topic	Speaker
Hospital Risk Management		
09:00 AM - 09:40 AM	Emergency preparedness for hospitals Actual hospital preparedness Disaster Paradigm How the system works Lessons learned from history	Malek El Hussein, P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC
09:40 AM - 10:20 AM	Effectively managing clinical risk for improving patient safety Impact of risks on clinical services Experience and observation on risk Risk management approaches and Strategies	Malek El Hussein, P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC
10:20 AM - 10:45 AM	Refreshments and Networking Break	
10:45 AM - 12:40 PM	Designing for fire safety The History Joint commission Standards Lesson learned	Malek El Hussein, P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC
12:40 PM - 13:00 PM	Prayer Interlude	
13:30 PM - 13:30 PM	Lunch	
13:30 PM	Adjourn	
Workshop Hospital of the Future		
	There are considerable discussions in the healthcare community regarding the future of the hospitals. Using interactive group work, traditional delivery and guided break out sessions, the workshop will address the following issues: <ul style="list-style-type: none"> • What the hospitals will look like? • What will be the impact of technological changes? • How the healthcare delivery model will change? • How the design will improve the patient flow and healthcare delivery? • New tools for designing the Hospital of the Future 	Malek El Hussein, P.E., M.Eng. Business Development Manager for Performance Solutions, GEHC Joel J. Nobel, MD, Founder & President Emeritus, ECRI Institute