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CIME Newsletter

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Live Orbital and Oculoplastic Surgery Telecast and Fundoscopy Simulator Training

Workshops on Orbital and Oculoplastic Surgery utilizing live telecast and funduscopy training were held at CIME. Both workshops were conducted under the umbrella of the 39th KAROPHTH and 1st Pakistan Corneal Conference 2018.

The objectives were to demonstrate Oculo-Plastic surgery around the eye and midface. Participants got the opportunity to learn how to treat removal of distortion caused by eye bags, and orbital reconstruction. A hands-on session on the simulator was also held to enhance skills of funduscopy. The participants spoke very highly of our organizational ability and workshop content.

CIME at SimGHOSTS

This August, a team from CIME presented a workshop at SimGHOSTS conference in the University of Tennessee based in Memphis, USA. The title of our workshop was 'From an Excellent Centre to a Centre of Excellence'. This provided an opportunity to disseminate the story of CIME on the global stage. The workshop was full to capacity coupled with a number of activities and how we organised ourselves led to excellent audience participation, and a good outcome for our efforts. The workshop was only part of the benefit of attending such a conference - new ideas and meeting new people, and of course you cant go to Memphis without paying homage to the King of Rock n Roll – Elvis Presley who's home Graceland is now a shrine to his memory.



“Presenting at the conference was my first ever experience at presenting to an international audience. Although it left me shaken at the end, the experience was exhilarating. Attending sessions, connecting with peers and visiting the simulation centre that hosted us, helped rejuvenate the drive to achieve excellence in the field of clinical simulation in Pakistan as what we do, helps improve quality of patient care.”

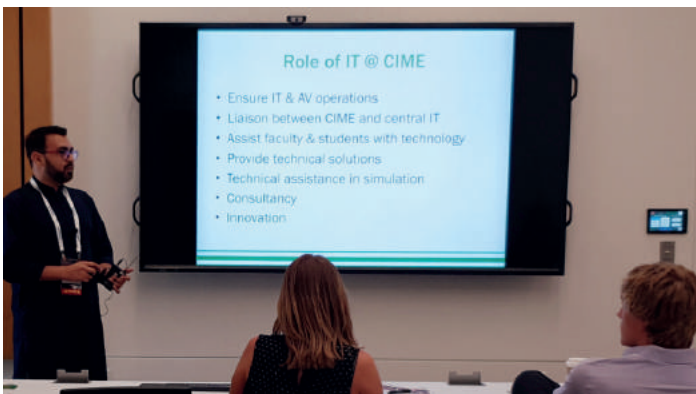
*Mr Numair Shahpur
Assistant Manager I.T*

excellent platform to share our practices and experiences with simulation integration at CIME with simulation specialists from around the world.”

Dr Mehak Rajani

“It was a great opportunity and a lifetime learning experience to be a part of the simGHOSTS conference. It was a significant event that highlighted and marked our presence globally not only as a simulation centre but also a centre of innovation. It was a momentous success of being recognised as a regional leader in simulation and innovation.”

*Mr Saleem Pirani
Specialist, Biomedical*



“I was humbled by the opportunity to represent AKU, CIME at the SimGHOSTS Conference. As a novice in simulation world, this conference gave me insights into the simulation practices in various simulation centres, particularly at the Centre for Healthcare Improvement and Patient Simulation (CHIPS), Memphis. It provided an



Endoscopy Workshop in Partnership

A basic GI Endoscopy Skills Training Workshop was organised by CIME in collaboration with Getz Pharma. Gastrointestinal Endoscopy is a complex skill, requiring a period of formal training and experience under close supervision. Only a skilled professional with ample training can provide the high standards of patient care, accuracy in diagnosis, and appropriate therapeutic interventions with avoidance of complications.

The purpose of this workshop was to provide aspiring gastroenterologists and gastrointestinal surgeons a combination of theory with hands-on practical sessions. It helped to develop an understanding of the important underlying principles and an understanding of the coreskills of endoscopy with the opportunity to gain hands-on experience on the technical aspects of how to handle an endoscope with safety.

15 health care professionals participated, beginning with an introductory lecture discussing the theoretical aspects of endoscopy including detailed information on the scope's structure, design and functionality while covering important aspects such as gaining consent, indications, contraindications and complications. A fully holistic approach. The participants were evaluated on a KAHOOT quiz. They then had one-on-one hands-on experience on GI Mentor in the hi-fidelity simulation lab starting with task based exercises and then with case based normal clinical scenarios for the application and integration of knowledge and skills and the ability to appreciate the normal GI tract anatomy so that they can differentiate any pathologies. Later on, they were provided with complicated case base scenarios on the basis of which they were evaluated. Each of the cases had its separate set of learning objectives and tasks. At the end of this workshop, the participants were evaluated on their skills and pre & post assessment.



A Masterclass on the Mini-Gastric Bypass Procedure

A masterclass on Mini-Gastric Bypass was held on August 5, 2018 at CIME, organised by AKU Department of Surgery in collaboration with Pakistan Society of Metabolic and Bariatric Surgery (PSMBS).

Seamless live surgery was telecast from the hospital operating room. The faculty comprised Prof. Mumtaz Maher from South City Hospital, Karachi, Dr. Rehman Alvi & Dr. Amir Shariff from Aga Khan University, Karachi. Dr. Amir Shariff was the director of the course.



GE Students on tour of our facility



Participants of the Global Encounters programme toured CIME. The purpose of this tour was to show the importance of simulation-based education in health care and in medical and nursing education, while giving an indication of the exciting potential of technology in universities of the future.

Participants expressed their amazement at the quality of the learning environment and many admitted they didn't expect to find this in Karachi.

Vascular Surgery Workshop

An 'Endovascular Aortic Aneurysm Repair' (EVAR) Workshop was held at CIME. The workshop was conducted under the umbrella of 1st Karachi Vascular Week (KVV).

Dr. Sohail Choksy from Colchester Hospital University NHS Foundation, UK was the international faculty of KVV and there was a Lecture via zoom by Dr. Muhammad Kabeer from Dumfries & Galloway Royal Infirmary, UK. Participants learned the planning and sizing of a case and they got the opportunity to practice and perfect their skills on Mentice - high fidelity endovascular simulator.



Complicated Intra-Abdominal Infections Workshop

A 'Complicated Intra-Abdominal Infections Workshop' was held at CIME. The workshop began with an introductory lecture discussing the management of intra-abdominal infections followed by lectures on the steps in managing post-operative hernia mesh infections; evidence-based medicine and antibiotic stewardship and the process of choosing antibiotics for averting and ameliorating Intra-Abdominal sepsis. Managing temporary and permanent closure of the open abdomen & surgical approach to peritonitis and abdominal sepsis completed the theory session then participants practiced laparoscopic surgical procedures on LapSim (high-fidelity laparoscopic simulator). After completion of hands-on, participants discussed the consequences of their actions in a debriefing session.



Shoulder Dystocia - Team Training Workshop



CIME organised a Shoulder Dystocia - Team Training Workshop in collaboration with SAMI Pharmaceuticals. The purpose of this workshop was to help participants gain confidence in their skills and the maneuvers to deal with obstetric complications such as Shoulder Dystocia, before it becomes an emergency situation. This workshop also focused upon teamwork, as training in a simulated delivery room scenario is an efficient method for training shoulder dystocia management skills. Effective communication and the importance of being aware of birthing complications were essential outcomes of this session. Over the period of the workshop, the participants evolved with a greater understanding of how to respond to obstetric complications and emergencies which in turn should result in better care.

Simulation Saves Lives by Dolliewood Production

Simulation-based training can save thousands of lives. It allows students to develop and hone their skills so that they provide patients with the safest and quality care.



Let's get social – CIME is now on Instagram

Follow CIME on Instagram and receive updates of all the upcoming activities, announcements, news & events.





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THE AGA KHAN UNIVERSITY

Organised by:
Centre for Innovation in Medical Education
Aga Khan University, Karachi.

Information &
Registration:

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2nd Clinical Simulation Educator Programme

February 11 - 15, 2019

Venue: Centre for Innovation in Medical Education (CIME)
Aga Khan University, Karachi

Introduction and Aims

Clinical simulation creates competence and saves lives.

This Programme will equip participants with the skills, knowledge and practical experience to enable informed choices to be made regarding where, how, and when Clinical Simulation is applicable. It is designed for faculty and clinicians who wish their teaching skills to be current, credible and at the cutting edge. Coming soon will be a programme for Strategic Planners of Clinical Simulation, and another for Clinical Simulator Operators.

Aga Khan University's Centre for Innovation in Medical Education is now in its third year of operation and a wealth of experience and internationally gained expertise is now at our fingertips. We are pleased to make this expertise available to colleagues throughout Pakistan.

Teaching and learning strategy

Participants will be actively engaged in challenging but well supported activities. Theory will be provided to the extent that it informs practice. The focus will be on designing, managing, and evaluating clinical skills acquisition through clinical simulation, in all its forms.

Module Descriptors

This programme has 10 modules organised as follows:

Module 1	Simulation modalities and their application
Module 2 & 3	Teaching through simulation
Module 4 & 5	Course design and scenario development
Module 6	Debriefing and providing feedback
Module 7 & 8	Simulation in action
Module 9	Cultural competence & the ethical dimensions of clinical simulation
Module 10	Measuring the outcomes of simulation

Registration

- Rs. 30,000.00
- Register before January 11th, 2019
- Limited Registration (First 20 delegates)



The Aga Khan University Department of Continuing Professional Education is accredited by the Pakistan Medical & Dental Council (PMDC) and the American Association of Continuing Medical Education (AACME) to provide continuing medical education.

The (AACME) designates this live educational activity for a maximum of **29.00** AACME Category 1 Credit(s).

The faculty and staff connected to this activity confirms that this activity do not have any relevant financial interest, arrangement or affiliation that would constitute a conflict of interest

