



## Shoulder Dystocia Team Training Workshops

Shoulder dystocia is an acute, usually unanticipated, obstetric emergency, complicating about 1% of vaginal deliveries. Essentially the baby's head is born but his or her shoulders get stuck in the birth canal. When this happens and isn't responded to immediately, then the baby's life is at risk or can suffer permanent brachial plexus injury, or brain damage. These situations require prompt diagnosis and action, mobilizing obstetricians, midwives and paediatricians to prevent serious consequences to mother and baby.

The first workshop was attended by Medical Officers and Midwives from four AKU secondary care centres (Garden, Kharadar, Karimabad and Hyderabad). The second

workshop was organised in collaboration with Getz Pharma for candidates outside AKU. The candidates were from Liaquat National Hospital, Civil Hospital Karachi, Sindh Government Hospital Saudabad and other local maternity homes.

The sessions included a short introductory lecture on Shoulder dystocia, followed by training on the performance of manoeuvres on the PROMPT model. The candidates were briefed about the simulation and then immersed in a simulation scenario where they had to work as a team to resolve shoulder dystocia on our new high-fidelity simulator 'Victoria'.

## Health Media Conference 2018



CIME in collaboration with the 'Marketing and Communication' team of Aga Khan University Hospital, welcomed an invited tranche of journalists from across Pakistan. The day was informative on the latest thinking and practices in health care, and participants were actively engaged in a full-day of activities including a media health conference. Specialists from the hospital were available to discuss issues with the audience and to answer their questions. CIME team took the opportunity to explain advances in healthcare education, using communications and interactive simulation technologies, ending with an interactive tour of CIME explaining its features unique in Pakistan and the region. Participants were amazed by the experience and commented that they had no idea that such a centre existed here in Karachi. From the perspective of CIME, this was a great opportunity to inform and educate the Media about the importance of clinical simulation to Health Professionals' education. A group of volunteer students from SPIE demonstrated their proficiency, through simulated clinical practice in interprofessional contexts. Again Victoria our birthing mannequin was the star, delivering babies on-cue for the audience. Cultural sensitivity was respected and Victoria and the midwives demonstrated great discretion avoiding potential awkwardness for the audience at such an intimate moment as childbirth.

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## A Symposium on Orbital Cancer: Recent Advances

This was held successfully on July 16, 2018. The aim was to spread awareness about the latest techniques in treating orbital cancer. 60 participants attended this multidisciplinary scientific programme organised by AKU Ophthalmology in collaboration with Radiation and Paediatric Oncology departments. Internationally, Prof. Gyorgy Kovacs, Director, Interdisciplinary Brachytherapy Unit and Prof. of Radiation Oncology from Luebeck University, Germany distinguished the event. Three international expert lectures via Zoom video conference provided depth to the proceedings: two from UK and one from Spain, harnessing the power of communications technologies in CIME. The participants, international & national speakers spoke very highly of the organization, and scientific content of the event. It is planned to repeat this important academic activity annually.





## Strengthening Knowledge and Empowering Management of Diabetes Workshop (STEER)

CIME in collaboration with Sanofi Pakistan conducted an exclusive one day workshop for physicians to improve the knowledge and understanding regarding the management of diabetes and its complications. The STEER workshop (Strengthening Knowledge and Empowering Management of Diabetes) was facilitated by esteemed faculty of endocrinologists and the course was recognised & accredited by American Association of Continued Medical Education (AACME).

44 health care professionals participated in the training which included scientific sessions on nutrition therapy, pharmacological therapies for diabetes and hands-on workshops regarding early recognition and management of complications of diabetes.



## Peanut Butter and Chocolate By Dr. Jacqueline Maria Dias

This was a simulation-based experience to care for a client with a colostomy and his family. It began as all good simulation sessions should, clearly stating learning outcomes and ending with debriefing sessions. It was aimed at improving the future performance of our Year two nursing students.

A scenario was designed and validated to include the psychosocial and physical aspects of care congruent with a 'typical' Pakistani client and his family. Moulage supported the fidelity of the scenario, up to a point! The colostomy was an excellent reproduction using CIME equipment. Innovation was required as the colostomy bag required some pooh – this was decided to be a mixture of peanut butter and melted chocolate. No matter how badly it looked, it smelled delicious. In every simulation scenario, there is a line drawn between what is realistic and what is not.

After the simulation, the students viewed their performances on video. Debriefing explored the elements of patient safety, communication and teamwork. The entire simulation-based experience was purposeful and systematic. The faculty took the responsibility to ensure that all 119 students receive a similar experience. The faculty and students expressed satisfaction with these teaching and learning methods. Among others, the MScN Education Track students under the tutelage of Dr. Dias helped facilitate the simulation.



## Basic Laparoscopic Skills Workshop

This workshop was organised by the Department of Surgery at CIME. The purpose was to familiarize residents on the general and special considerations of laparoscopic procedures.

This hands-on workshop included various topics i.e. Insertion of veress needle, Bean balls, Passing thread through hooks and Cutting a circle on gauze. Sounds simple but not in a three-dimensional world manipulating tricky clinical instruments!



## Lippincott Based Skills Refresher Course

A skills refresher workshop was organised for nurses working in the Heart, Lungs and Vascular departments of AKU. This was a 5 days workshop including 6 skills stations, for 45 nurses. The aim of this workshop was to equip the Nursing staff with evidence-based clinical skills guidelines and their competency development in regard to central line handling including CLABSI (Central Line Associated Blood Stream Infection) bundle, code blue management, chest drain management, assisting intubation and ventilation management, VAP (Ventilator-associated pneumonia) bundle, drawing blood and Urine cultures with standards to prevent contamination. Above all to strengthen the assessment skills, a theory review was provided with its practical implementation on HARVEY, our Cardiopulmonary Patient Simulator. The workshop received an outstanding response. The course faculty included Nousheen Aijaz Nurse Specialist and Nurse Instructors; Fozia Aftab, Zuhra Kashif, Anam Hakim. It received commendable reviews from the participants who were able to practice and sharpen their skills using HARVEY.



## Simulation Workshop with Novartis Pharma

CIME in collaboration with Novartis Pharma organised a simulation workshop to demonstrate the benefits of simulation as a tool in the acquisition and retention of clinical skills. Hands-on experience and training was provided on fidelity simulators, basic life support and cardiac catheterization (coronary angiography and angioplasty).





## Breaking News!

### Student lounge is now open!

Students are invited and encouraged to use the Student Lounge. This lounge space is located on the first floor, CIME.



### Student Lockers

Lockers for students are now available at CIME.



If you have comments or concerns while using the student lounge and lockers you may speak to CIME administration.



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THE AGA KHAN UNIVERSITY

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# Clinical Simulation Educator Programme

September 10 - 14, 2018

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 the wealth of experience and internationally graded expertise is now at your fingertips. We are pleased to make this expertise available to colleagues throughout the region. This is the first programme of its kind to be offered regionally.

## 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.

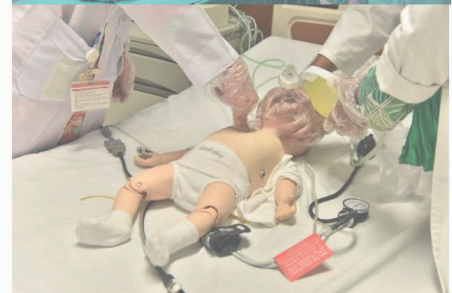
## Module Descriptors

This programme has 10 modules organised as follows:

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|--------------|---|
| 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 OSCE                           |

## Registration Details

- Programme fee Rs. 30,000/-
- Register before August 10th, 2018
- Limited registration (1st 20 delegates)
- 2 CME credits. CME points will be awarded



See what our faculty have to say about this programme.

Video link: <https://bit.ly/2rTuUhn>

# Registration Now Open for February 11, 2018