



ANNUAL EXECUTIVE REPORT 2022
ITQAN CLINICAL SIMULATION AND INNOVATION CENTER



Table of Contents

About Itqan Clinical Simulation & Innovation Center	4
Our Mission, Vision and Values	5
Statement from Executive Leadership	7
Our Team	13
The Journey Toward the First Strategic Plan	14
Strategic Plan Action Pillars	15
Our Programs & Courses	
a. Debriefing Workshop	
b. Scenario Design Workshop	
c. Essential Skills Midwifery Course	
d. Definitive Surgical and Anesthetic Trauma Care Course	
e. Geriatrics for Non-Geriatrics Course	
f. Trauma Intensive Care Unit (TICU) Simulation Course	
g. FIFA World Cup 2022 Staff Redeployment Orientation	16
Expanding Itqan's Capabilities	23
Itqan's Financial Success and Growth Plans	24
Itqan's Corporate Social Responsibility (CSR) Program	25
Itqan 2022 in Numbers	28



About ITQAN

One of the world's largest and technologically advanced simulation centers, the Itqan Clinical Simulation and Innovation Center is a state-of-the-art facility designed with the nation's health as its focus.

The Simulation Center is located in the heart of Qatar's Hamad Bin Khalifa Medical City campus and occupies nearly 12,000m² of space. The Center was created as a purpose-built educational facility to improve patient safety and quality of care by transforming clinical education and training for Qatar's current and aspiring healthcare professionals.

The Simulation Center provides a safe and realistic environment in which novice and seasoned clinical professionals can practice specific assessment, diagnostic and surgical techniques, as well as care interventions within realistic patient care settings free of risk to patients.

All areas of the building have become fully functional over this past year. Hundreds of manikins and task trainers are available to support the training of clinical skills, teamwork, clinical judgment, prioritization, and communication. The overall goal is to provide a training environment that leads to improved patient care and outcomes.



What is inside the Center?

- **Auditorium:** Two-tiered modern auditorium with capacity for up to 400 people.
- **Classrooms:** Learning space for up to 88 people with flexibility to create multiple smaller rooms.
- **Clinical Skills Labs:** Dedicated area for practicing all types of skills using manikins, task trainers and hybrid models.
- **Virtual Reality Lab:** Advanced lab for practicing skills and decision-making in a virtual environment.
- **Debriefing Rooms:** Dedicated space in which learners are guided to reflect on performance, communication and teamwork.
- **Standardized Patient Rooms:** Individual practice and exam rooms for assessment, skills and communication.
- **Medical Library:** Healthcare library with resources for all disciplines.
- **Operating Theaters:** Customized environment in which to practice skills, communication and teamwork for Operating Theater and ICU patient care.
- **Labor and Delivery Rooms:** Customized rooms in which to practice skills, communication and teamwork of mother-baby care.
- **Patient Rooms:** General rooms designed to enhance care of patients of all ages with any type of condition.
- **Control Rooms:** Space allowing remote observation and communication by facilitators and manikin operators.
- **Central Sterile Services Department:** Instrument cleansing and sterilization unit.
- **Animal Preparation:** An environment for the safe, ethical care of animals used to provide surgical skills learning opportunities.
- **Surgical Skills Lab:** State-of-the-art surgical lab to hone surgical skills through learning with animals, cadavers, and the DaVinci surgical system.
- **Café:** Indoor and outdoor dining and social space.



OUR MISSION

“ To transform healthcare education through innovative, active simulation strategies, supported by research in collaboration with the greater community”



ITQAN
Clinical Simulation & Innovation Center

OUR VISION

“To be recognized globally as a center of excellence for transforming healthcare education leading to improved patient outcomes”



Integrity	Professional, Ethical, Respectful, Trustworthy, and Safe Learning Environment
Team Passion	Spirit, Motivation, Trust, Thrive, and Unity
Quality Service	Supportive, Consistent, Outcomes-oriented, Excellent Communication, and Fair
Active Learning Environment	Cutting-Edge Technology, Learner-Centeredness, Evidence-Based Practice, Engaged Interactive Learning, and Realistic Environment
Networking & Collaboration	Socially Responsible, Community Outreach, New Partnerships, Research, and Innovation



Message from the Director of Medical Education

It is with great pleasure that I have observed the growth of the Itqan Clinical Simulation and Innovation Center over this past year, culminating in the achievement of Provisional Accreditation, awarded by the Society for Simulation in Healthcare, an international multidisciplinary organization devoted to the advancement of the profession of healthcare simulation. Accreditation shows that Itqan Clinical Simulation and Innovation Center is recognized by the international community for its expertise in simulation, providing external validation of the program. Itqan has demonstrated that it provides simulation education and training, while supporting clinical educators by using evidence-based standards of best practice.

The Medical Education Department, as the body overseeing the life-long learning of health professionals within Hamad Medical Corporation, fully supports the development, expansion, and innovative use of Itqan as observed over this past year. Itqan has achieved numerous milestones that have strengthened its operations and educational structures, allowing for expanded services to the HMC community and beyond. The infrastructure was supported by the development of a Strategic Plan and Mission, Vision, and Values statements that provide guidance for present and future program support of high-quality healthcare education in Qatar and the region. The first Executive

Report, published in 2022, furthered stakeholder knowledge of Itqan's actual and potential to impact educational outcomes that can be transferred to patient care.

2022 saw the continuation of the COVID-19 pandemic safeguards as well as the lead up to the World Cup 2022. Itqan supported over 30 simulation-based trainings for COVID-19 management. In contribution to the World Cup preparations, Itqan participated in the training of healthcare providers assigned to stadiums and other activities by providing high-tech simulation equipment and operations personnel onsite at stadiums to support training opportunities.

Itqan achieved tremendous growth over the past year, significantly increasing the number of learners by over 50% from the previous year, while also engaging clinicians and educators from Primary Health Care Corporation, Qatar University, and other local universities. Itqan educators created and implemented several workshops that have been attended by over 250 clinicians wishing to develop their own facilitation skills with simulation.

I look forward to your support for the future growth of Itqan Clinical Simulation and Innovation Center as we anticipate usage will burgeon now that COVID-19 restrictions are lifted, and healthcare staff return to normal duties. Itqan

has exciting opportunities ahead to further collaborate with HMC clinical educators, local healthcare organizations and universities, and major healthcare businesses to further the agenda of clinical training to improve patient care and safety outcomes. We welcome your visit to Itqan and the staff looks forward to working with you in the coming year.

Kind regards,



Dr. Abdullatif Mohammed AlKhal,
MBBCh

Director of Medical Education

Message from the Executive Director of Itqan Clinical Simulation and Innovation Center

Itqan Clinical Simulation and Innovation Center is excited to begin this new year as a Provisionally Accredited Simulation Center! Itqan achieved this accreditation through the Society for Simulation in Healthcare, an international organization whose membership includes clinicians, educators, researchers, psychologists, innovators, and more. Many milestones were achieved on this journey toward accreditation and the Itqan staff worked collaboratively toward this goal by developing the Mission, Vision, and Values statements along with a 5-year Strategic Plan. Policies, procedures, and processes were written with stakeholders to ensure safe, ethical processes are in place to support the educators and the learners. This accreditation shows our stakeholders, such as the leadership, clinical educators, clinicians, and others within and outside Hamad Medical Corporation that we lead and support education through adherence to research-based standards of best practice. Achieving Provisional Accreditation is but one step toward our Vision 'to be recognized globally as a center of excellence for transforming healthcare education leading to improved patient outcomes.' Now we begin the work toward full accreditation, which focuses on evaluation of outcomes for all aspects of the Itqan program including the education and training, facilitators, and operational support.

I hope that you were able to take advantage of the Itqan Open Houses in the fall. We have an immense assortment of simulation modalities that are available to teach everything from how to assess the abdomen to how to perform invasive cardiac procedures. Clinicians can train

on high-tech simulators that mimic the physiology of premature babies, adults, laboring mothers, and trauma patients. Guaranteed, whatever the specialty, Itqan has equipment that can help you learn safe patient care in an environment where making mistakes is ok.

Despite the COVID-19 restrictions and the World Cup 22 preparations, Itqan remained busier than ever! We supported the training of medical staff at stadiums, where simulators and operations staff supported clinicians in learning new techniques as well as repetitively practicing drills. As the Medical Education Department building became a hub for staff assignments, Itqan hosted over 50 Arab and Qatar board exams for a thousand examinees for various specialties. Over 30 sessions were supported for ongoing COVID-19 trainings during 2022. Overall, Itqan's team supported the education and training of over 23,000 learners in 2022, an over 50% increase over last year. Itqan Educators are leading the way in developing simulation facilitator competency through the Comprehensive Simulation Facilitation Program. This program includes a hybrid course with online modules, followed by a 2-day workshop intended to Develop Facilitation Skills. An advanced level of this program is under development. Due to feedback and desire for additional training, three workshops have also been implemented for the topics of debriefing, scenario design, and moulage. In all, over 250 people have attended the courses in the past year, including our colleagues at local universities and Primary Health Care. The highlight of the Itqan programming this year was

hosting the Qatar Simulation Symposium, which was developed in collaboration with representatives from those using simulation across Qatar. The highly rated Symposium, the 4th in a series begun by Weill Cornell Medicine-Qatar, featured short presentations, hands-on learning opportunities, and even a debate developed by students and resident physicians in Qatar. Itqan looks forward to partnering in this venture in the upcoming years.

The Itqan staff welcomes all visitors and we enjoy collaborating on how simulation can be incorporated into the healthcare education curricula. We have streamlined our booking process after reflection at the end of 2022 and look forward to meeting the needs of our educators and learners.

Kind regards,



Dr. Kim Leighton,
PhD, RN, CHSE-A, CHSOS, ANEF,
FSSH, FAAN

Executive Director, Itqan Clinical
Simulation & Innovation Center



One of the world's largest simulation centers at **12,000m²**



4 floors of learning space



4 classrooms
9 debriefing rooms



34 specialized training spaces



10 bay surgical skills lab with state-of-the-art DaVinci Surgical System



31 virtual reality simulators



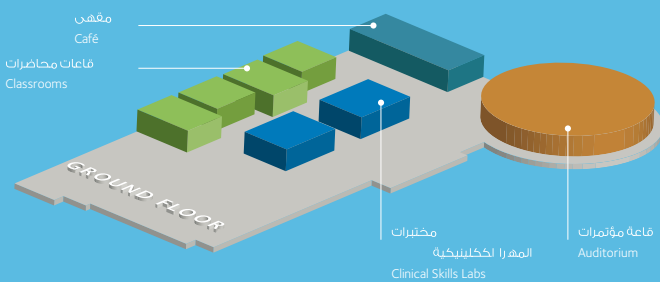
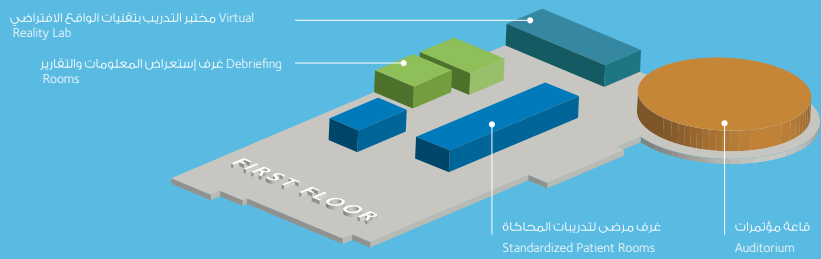
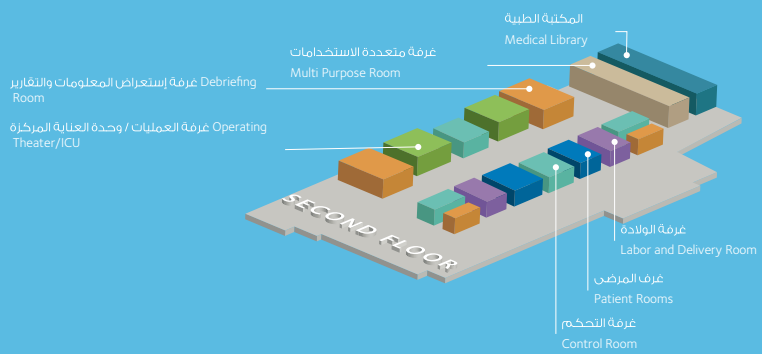
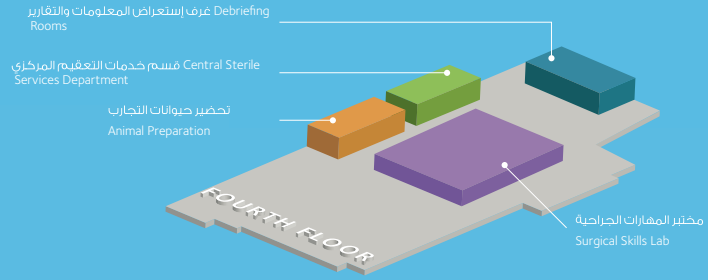
400 seat auditorium with worldwide connectivity



Capacity for over **15** unique training courses at one time

ITQAN KEY FACTS

ITQAN FLOOR LAYOUTS



A Glimpse Ahead to 2023: Accreditation



Itqan Clinical Simulation and Innovation Center was awarded the prestigious provisional accreditation in Teaching and Education by the internationally renowned Society for Simulation in Healthcare (SSH). The provisional accreditation, granted by SSH's Provisional Board of Review, is a validation of the developmental efforts of the Center and the simulation and education programs provided.

Dr. Abdullatif Al-Khal, Deputy Chief Medical Officer and Director of Hamad Medical Education Department at HMC, explained that this Center represents a strategic element in HMC's training and education goals designed to help transform clinical education and training in Qatar. "Simulation facilities are essential in providing practical training for clinicians in a safe environment. Enhancing the competencies of medical practitioners, including doctors and nurses, gives them more confidence when treating human patients; it also improves patient safety and reduces health care costs," said Dr. Al-Khal.

Dr. Kimberly Leighton, Executive Director, Itqan Clinical Simulation & Innovation Center, explained that the SSH's provisional accreditation was a credit to executive leadership support, the magnificently designed hi-tec facility and a highly trained and dedicated team who provide simulation training and support.

"We embarked on this journey to gain SSH accreditation because it represents an external validation and recognition of the quality of the facility's operations, its staff, and the training programs we offer to healthcare professionals. Accreditation supports our efforts to achieve and maintain best practices, improve standardization and achieve international benchmarks in quality; and most importantly, it strengthens our patient safety efforts," said Dr. Leighton.

Established in 2004 by professionals using simulation for education, testing, and research in health care, SSH membership includes physicians, nurses, allied health and paramedical personnel, researchers, educators and developers from around the globe. SSH fosters the improvement and application of simulation-based modalities such as human patient simulators, virtual reality, standardized patients and task trainers.



OUR TEAM

LEADERSHIP



Dr. Kimberly Leighton, PhD, RN, CHSE-A, CHSOS, ANEF, FSSH, FAAN
Executive Director



Amr Metwally, MBA
Assistant Executive Director

EDUCATION



Ardee Domingo, CHSE, CHSOS
Educator



Ali Baig, CHSOS
Simulation Operations Manager



Raja Touati
Simulation Operations Specialist



Baha Tomeh, CHSOS
Simulation Operations Specialist



Bushara Vemmarath
Equipment Coordinator



Jomy Cherian
Equipment Coordinator



Val Raymond Cabangcalan
Equipment Coordinator

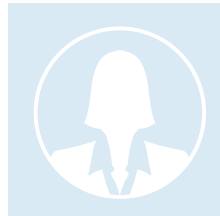
ADMINISTRATION



Cary Mohammad Aragat
Booking Manager

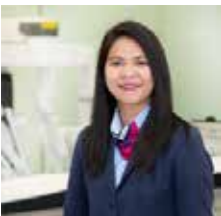


Abdulla Yousef Al-Saygh
Administrative Affairs Researcher

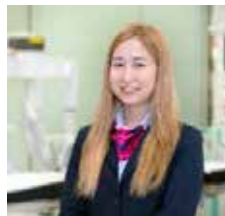


Khlood Saeed AL-Mari
Assistant Filing Clerk

HOSPITALITY



Amie Tandoc
Receptionist

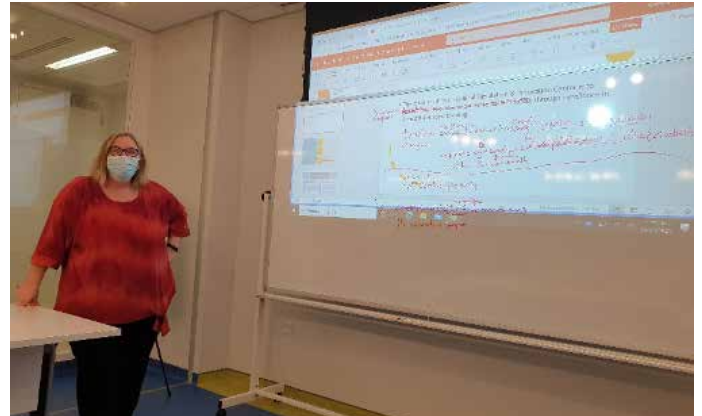


Kim Legaspi
Receptionist



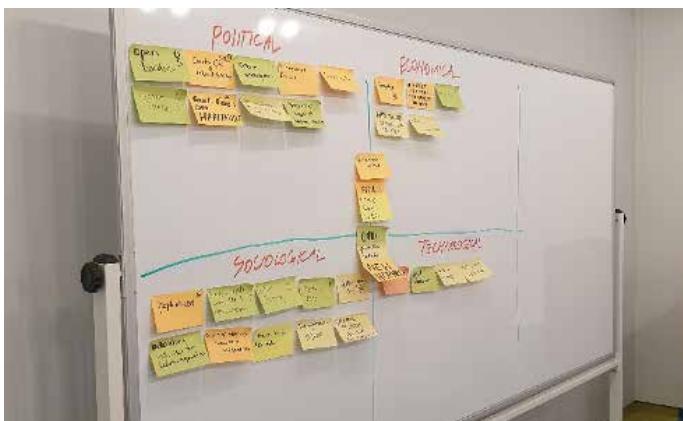
Al Saddam Nora
Aide

The Journey Toward the First Strategic Plan






In 2022, Itqan’s executive leadership reviewed the center’s goals and developed three strategic pillars - Excellence, Growth, and Become Known - based on the SWOT and PEST analyses. The pillars were supported by specific strategic initiatives, key performance indicators, action items, responsibilities, and timelines.

The strategic plan was approved by the Medical Education Executive Leadership and presented to the Advisory Board. The approval of the Strategic Plan was a testament to Itqan’s dedication to advancing healthcare education and innovation through a thoughtful and strategic approach to planning and execution. As a living document, the Strategic Plan will be reviewed annually to evaluate progress toward goals and to identify opportunities for improvement.



Strategic Plan Action Pillars

Pillar	Strategic Goal	Key Initiatives
Excellence 	Achieve excellence in meeting clinical learning needs through simulation-based learning	Become fully accredited by Society for Simulation in Healthcare
		Increase simulation certification of Itqan and HMC staff
		Utilize all simulation resources fully
Growth 	Enhance core infrastructure to meet clinician learning needs through increased programming.	Strategically hire key personnel with growth mindset.
		Actively seek collaboration within and outside of HMC and Qatar
		Increase reach of programming within and beyond Qatar and GCC.
		Increase utility of website
		Increase social media presence
Become Known 	Become known globally as an elite Simulation Center	Form partnerships or collaborate with major healthcare and educational organizations or companies
		Host simulation conferences with regional and global attendees annually
		Collaborate with SSH, SimGhosts, or other simulation organizations to host Middle East simulation conferences.
		Itqan staff produce scholarly outputs in forms of research, projects, publications, and conference presentations
		Sustained excellence in education and service

Debriefing Workshop



Post-simulation debriefing is a crucial element of simulation-based education (SBE) and the foundation of the educational experience in healthcare simulation. Many experts believe that most of the learning takes place during the debriefing process. Therefore, the Itqan Clinical Simulation and Innovation Center designed the Debriefing Workshop to facilitate the implementation of debriefing strategies. Debriefing is an intentional conversation that takes place after the simulation experience to provide participants an opportunity to reflect on their behavior and cognitive processes leading to improved learning outcomes and future clinical performance. During the course, learners practice debriefing using the Promoting Excellence and Reflective Learning in Simulation (PEARLS) Debriefing Framework and provide feedback to a debriefer using the Debriefing Assessment for Simulation in Healthcare (DASH) tool.

Department:	Itqan Clinical Simulation and Innovation Center
Course organizers:	Ardee L. Domingo
Number of Learners:	53
Number of Sessions:	7

Scenario Design Workshop



A simulation scenario is an artificial portrayal of a real-world event that facilitates experiential learning to meet educational objectives. Creating an excellent simulation scenario involves careful planning and can be divided into several parts. Simulation scenarios aim to assess, educate, and assist learners in recognizing their understanding or application gaps. Scenario design was first introduced in the Developing Facilitation Skills with Manikin-Based Simulation Workshop. Healthcare educators who attended the workshop requested more dedicated practice time, so a separate workshop was created. The workshop uses iRIS, a web-based scenario development solution that helps aid collaboration, design, and development of high-quality training scenarios. With iRIS, educators can seamlessly incorporate best practice frameworks (INACSL, ASPE, PEARLS Healthcare Debriefing Tool, etc.) across the full spectrum of simulation modalities – standardized patients, task trainers, full-body manikins, and patient simulators.

Department:	Itqan Clinical Simulation and Innovation Center
Course organizers:	Ardee L. Domingo
Number of Learners:	120
Number of Sessions:	12

Essential Skills Midwifery Course



The purpose of the Essential Skills Midwifery (ESM) Course is to empower nurses and midwives who are currently working across HMC maternity facilities and Primary Health Care Centers (PHCC) to provide effective, compassionate, safe, and evidence-based care to women in the antepartum, intrapartum and postpartum (mother and newborn) period. The course prepares them for a specialized role in the field of maternity and newborn care. In addition, this course also prepares the PHCC Midwives to autonomously start the midwifery-led clinic for low-risk women at PHCC in alignment with Qatar's National Health Strategy.

This course involves various sessions on the holistic assessment of physical, psychological, emotional, and social well-being, identifying and reporting common health problems, escalating urgent referrals and communicating findings with women and their families, encouraging the nurses and midwives to utilize critical thinking, decision making, and problem-solving skills effectively.

Department:	NMED
Course organizers:	Rohini Castillion
Number of Learners:	358
Number of Sessions:	19

Definitive Surgical and Anesthetic Trauma Care (DSTC) Course



In collaboration with the Trauma Surgery Department and ITQAN, the HITC Professional Program Development team (PPD) conducted the inaugural DSTC course in Qatar during September 2022. The DSTC course falls under the umbrella of the International Association for Trauma Surgery and Intensive Care (IATSIC). The initiative was aimed at training the multi-disciplinary teams including the trauma surgeons, anesthetists and nurses in the trauma and operating rooms. The Itqan Surgical Skills Lab provided the high-technology equipment required to safely manage surgical training courses involving medium-sized animals. The course allowed for a realistic experience for the entire team to maximize their learning opportunity on their clinical skills, intra-operative communication and teamwork.

Department:	Trauma Surgery
Course organizers:	Dr. Ruben Peralta Rosario
Number of Learners:	114
Number of Sessions:	3

Geriatrics for Non-Geriatrics Course



Geriatrics is the specialization that focuses on the person-centered, high-quality care we all require as we age. The goal of “high-quality care” for the elderly is to improve their health, independence, and quality of life. Geriatricians of Hamad Medical Corporation developed this course to train front-line physicians in geriatric medicine to manage the increasing number of older adult population with their co-morbidities and frailty. Geriatric patient management requires special skills not strongly covered in undergraduate medical or nursing schools. Learners from this course become aware of the most common geriatric symptoms and have hands-on training in managing various clinical scenarios such as managing falls, dementia, maintaining skin integrity, and movement disorders.

Department:	Geriatrics
Course organizers:	Dr. Kawa Ghafraziz Amin
Number of Learners:	76
Number of Sessions:	6

Trauma Intensive Care Unit (TICU) Simulation Course



Trauma is the top cause of death and disability around the world. Because injuries cause so many deaths and disabilities, much work has been done to manage how to respond to trauma events. The TICU team planned and developed simulation-based activities for their physicians, nurses, and respiratory therapists as their target learners. The main goal of their training is to enhance teamwork and collaboration with different healthcare professions when providing patient care. Learners from this course have opportunities to practice their communication skills and manage crises among staff. Facilitators of this activity have conducted various scenarios such as difficult airway management, polytrauma, traumatic head injuries, and shock as they observe the learners manage the patient and situation. A debriefing follows after the scenario, allowing the learners to reflect on their performance, and appropriate feedback is given.

Department:	Trauma Surgery
Course organizers:	Dr. Suresh Kumar Arumugam
Number of Learners:	21
Number of Sessions:	3

FIFA World Cup 2022 Staff Redeployment Orientation



The FIFA World Cup 2022 was a blast, and football fans from around the world gathered to witness the spectacular event that put Qatar on the map in the world of sports! To ensure the readiness of healthcare staff from Hamad Medical Corporation, Human Resources and Ambulance Services collaborated to orient staff who were deployed in different stadiums, recreation, and entertainment areas. During the orientation, staff were made aware of their roles and what was expected from them during the duration of the World Cup. In addition, Ambulance Service instructors played a crucial role in teaching other healthcare disciplines the use of prehospital equipment necessary when responding to emergency cases.

Department:	Human Resources / Ambulance Services
Course organizers:	Rowan Mathews
Number of Learners:	1066
Number of Sessions:	4

Expanding Itqan's Capabilities



The recent enhancement of Itqan's Clinical Simulation and Innovation Center further establishes its position as a cutting-edge facility with advanced medical technologies. The recent addition of a Portable Computerized Tomography (CT) Scan machine demonstrates Itqan's commitment to continuous improvement and innovation. This new technology has the potential to be used in collaboration by various HMC departments, enabling the use of animal and cadaver tissue for teaching and research purposes. The Portable CT scan system utilizes smart technologies, making routine screening as well as detailed scans for different medical disciplines like oncology, musculoskeletal, cardiovascular, pulmonary, and neurology possible. Furthermore, the equipment can also be used for radiology department clinical teaching, such as planning and executing hands-on training for radiology fellows, residents, and radiographers. This addition marks a significant milestone in Itqan's quest to provide state-of-the-art facilities and equipment for advancing healthcare education and innovation in Qatar and beyond.

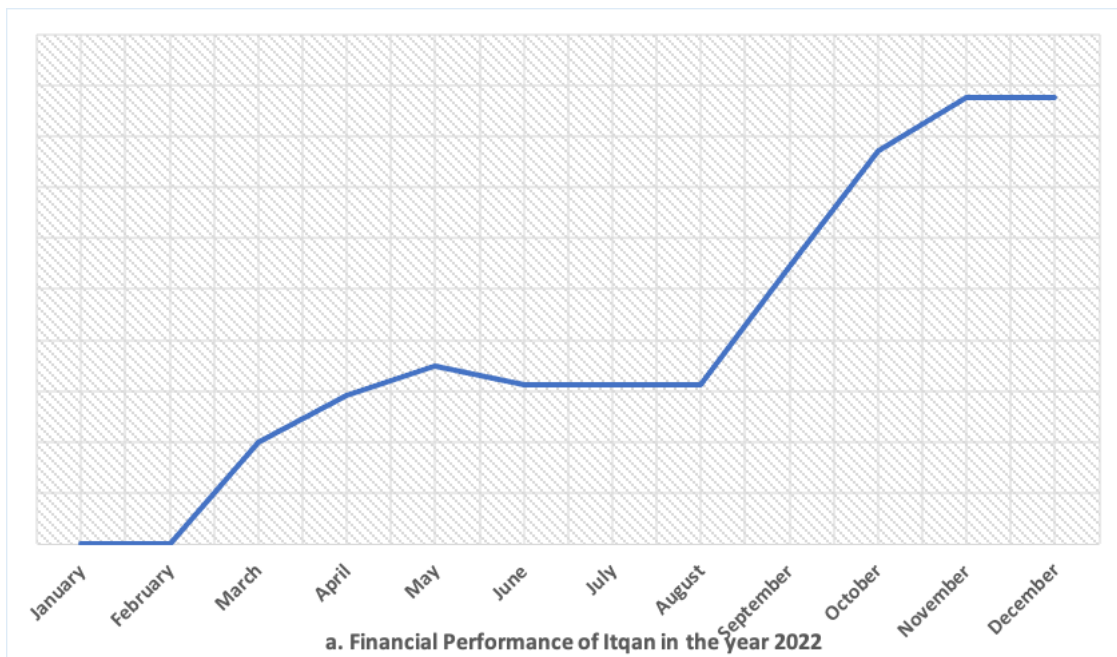
Itqan’s Financial Success and Growth Plans

The financial performance of Itqan in 2022 was highly positive, with a notable focus on cost-offset business model. Since we implemented our cost-offset business model, our financial growth has been increasing at a rapid pace. The cost-offset business model was created with no impact to HMC’s departmental budgets.

Looking ahead to the upcoming year, Itqan plans to expand its services in the state-of-the-art Surgical Skills Lab, which covers an area of over 735 m2. This service expansion will enable us to offer animal and cadaver tissue trainings and research, in addition to our Virtual Reality Lab and Da Vinci Surgical System. We also plan to collaborate with leading names in the industry and various HMC departments to further extend our value proposition.

Our business model is designed to achieve a significant community outreach that aligns with our business objectives and drives Itqan towards sustainability in operating as a profitable entity within Hamad Medical Corporation. Our focus on cost-offset allows us to allocate financial allowances based on our returns, ensuring that our operational costs are covered by our simulation services.

To this end, we forecasted our upcoming year budget based on areas of improvement that are critical to our cost-offset model. In light of the planned service expansion of the state-of-the-art Surgical Skills Lab, we recognize the need to invest in business development, ensuring that we can continue to offer high-quality courses and training while integrating with the latest medical technologies. Ultimately, we are committed to maintaining our cost-offset business model and delivering significant cost savings to HMC while driving innovation and excellence in healthcare education.



Our model competency has proven its effectiveness as illustrated in graph a. representing our revenues and expenditure over the span of the year 2022.

The first year prosperity from implementing our business model supports further progression as we plan to expand and enhance potential business opportunities in the future.

Itqan's Corporate Social Responsibility (CSR) Program



Itqan Clinical Simulation and Innovation Center has launched a new Corporate Social Responsibility (CSR) program aimed at introducing high school students to the field of medicine. The program is designed to inspire and encourage Qatari national students to pursue medicine as a future career. The one-day program provides students with a unique opportunity to experience various aspects of the medical profession, including CPR practice, a hospital simulation lab, the VR lab, and an opportunity to spend a day as a surgeon in Itqan's state-of-the-art Surgical Skills Lab.

Through this program, Itqan hopes to provide students with a valuable learning experience that not only helps them better understand the medical profession, but also serves as an opportunity for them to develop their leadership, teamwork, and problem-solving skills. The program's goal is to inspire and educate young minds, giving them a taste of what it takes to become a healthcare professional.

Itqan recognizes the importance of promoting a culture of learning and innovation in the healthcare industry and believes that investing in education and community outreach is a key aspect of achieving this goal. By launching this CSR program, Itqan aims to contribute to Qatar's National Vision 2030 by fostering the development of a highly skilled and knowledgeable workforce in the healthcare sector.



Moreover, Itqan sees this program as an opportunity to give back to the community by providing a unique experience that can help shape the future of healthcare in Qatar. The center believes that by engaging with young people in this way, it can play a role in inspiring the next generation of healthcare professionals who will shape the future of the industry in Qatar and beyond.



ITQAN CSR in Numbers



2022

52
Tours

3,500
Students

ITQAN in Numbers



Number of Simulation Sessions

394



Number of Lectures

300



Conferences

21



Number of Learners

23,533



ITQAN LIST OF COURSES/EVENTS HOSTED IN 2022

Event Details	Recurrence in 2022
CONFERENCES	21
Anesthesia Conference	3
Breast Cancer Conference	2
Rheumatology Symposium	2
Best of American Society of Clinical Oncology	2
International Day of Midwife	1
International Nurses Day	1
Interventional Oncology Symposium	1
Qatar Molecular Imagine Nuclear Medicine & 9th Gulf Nuclear Medicine Conference	3
Qatar Musculoskeletal Ultrasound Course	4
Qatar Simulation Symposium	1
WWRC Research Day	1
COVID 19 SIMULATION	31
Critical Care Upskilling	10
Non Critical Orientation Program	14
Vaccination Training Program	7
ROBOTIC-SURGERY TRAINING	66
EXAMINATIONS	53
Anesthesia Arab Board Exam	1
Anesthesia Oral Examination	2
Anesthesia OSCE Examination	4
Cardiology Arab Board OSCE Examination	2
Cardiothoracic Arab Board Examination	1
Community Medicine Arab Board Examination	1
Emergency Medicine Arab Board Examination	3
ENT Arab Board Examination	1
Family Medicine Arab Board Examination	3
Family Medicine In-Training Examination	2
General Surgery Arab Board Examination	2

Event Details	Recurrence in 2022
Internal Medicine Arab Board Examination	3
Internal Medicine Arab Board OSCE	2
Internal Medicine In-Training Examination	4
Membership of The Royal Colleges Physicians (MRCP) - Practical Assessment Of Clinical Examinations Skills (PACES)	3
Neurosurgery Arab Board Examination	1
OBGYN Arab Board Examination	2
Orthopaedic In-Training Examination	1
Orthopedic Arab Board Examination	1
Pathology Arab Board Examination	2
Pediatric Arab Board Examination	4
Plastic Surgery Arab Board Examination	1
Qatari Board of Medical Specialty Examination	5
Radiology Arab Board Examination	2
LECTURES	300
Anesthesia Basic and Advanced Class	6
Baby Friendly Hospital Initiative Training Course for Maternity Staff	14
Canadian Triage and Acuity Scale	3
Cancer Survivorship Workshop	5
Chief Residents Course	4
Clinical Research Bootcamp	3
Communication Skills Workshop	4
Cyber Security Workshop	1
Faculty Development	3
FIFA World Cup 2022 Staff Redeployment Orientation	4
Foundation of Contemporary Mental Health Care	14
GS 1 Proof of Concept Workshop	1
Health Profession Workshop	48
Hilti Smoke Management Solutions for Healthcare	1
HMC Security Training	17
Mentoring Workshop	2
Mentoring Workshop	2



Event Details	Recurrence in 2022
Major Incidence Preparedness Train the Trainers Program	2
MOPH Educational Activities	55
National Health Major Incident Exercise	5
Personnel Development Skills-HR Training Course	12
Philadelphia Hand Therapy Course	2
Precision Medicine Workshop	1
Qatar University- Health Continuing Professional Development Education Sessions	2
Qatar University Medical Students Course	5
Qatari Board (Questionnaire Review and Development)	1
Root Cause Analysis (RCA) Workshop	21
Strategy Leadership Workshop	2
Surgical Tutorial for Year 5 QU Medical Students	39
Teach the Teacher Course	2
Training the Trainers	4
Upgrading HMC Staff Skills	17
Upgrading HMC Staff Skills	17
MEETINGS	6
Clinical Leaders Forum	5
World Cup Preparation Meeting	1
SIMULATIONS	394
Advanced Airway Workshop	1
Airway Workshop - Fundamentals of Airway Management	6
Basic Pre- Hospital Trauma Management Workshop	2
Basic Surgical Skills Workshop	1
Botox for Migraine Workshop	2
Care of Central Venous Line and TPN Administration	2
Continuous Renal Replacement Therapy	6
Critical Care Upskilling	6
Cross Training for SICU Staff	3
Debriefing Workshop	7
Definitive Surgical and Anesthetic Trauma Care Course	3
Developing Facilitation Skills with Manikin-Based Simulation	18
Emergency Medicine Consolidation Program for Specialists - Critical Care Simulation Day	1
Emergency Medicine Fellowship Sim Training	21

Event Details	Recurrence in 2022
Emergency Medicine Residency Training Program	2
Emergency Medicine Weekly Didactic and Simulation Session	16
Endo-Urology Workshop	3
Essential Skills Midwifery	19
FIFA Defibrillator Training	2
Future Doctors Essential Skills	2
General Nursing Orientation	84
Geriatric for Non Geriatric course	6
Hands On Training on Skin Closure Technique	1
Heart Valve Surgery Workshop	1
Hemophilia Education Day	1
Hospital Acquired Pressure Injury	12
Hysteroscopy Workshop	2
Internal Medicine Clinical Exam Course	4
Internal Medicine Procedural Simulation Course	2
Interns Procedural Skills Course	1
Long Term and Care of Older People	1
Major Incident and Fire Evacuation Training	5
Mass Casualty Management Training	24
Mechanical Ventilation	4
Moulage Workshop	1
Neonatal Resuscitation Program	18
New Staff Medical Device Simulation Training	7
Nursing Skills Refresher for Nurse Educators	1
Obstetrics and Gynaecology Residency Program Practical Sessions	2
Ophthalmic Pathology Course	1
Patient Care Assistant	17
Patient Controlled Analgesia	1
Pediatric Code Blue (Skills Workshop)	1
Pediatric Competency Assessment	2
Pediatric Fundamentals of Critical Care Support	2

Event Details	Recurrence in 2022
Perineal Suturing Training Program	6
PICU Simulation Based Competency Assessment	1
POCUS Examination in Critical Care	1
Prevention and Management of Violence and Aggression	4
Rapid Response Team (RRT) Training	1
Rapid Response Team Simulated Training	1
Retrograde Coronary Circulation - Wet lab	3
Scenario Design Workshop	12
Simulation Advanced Training in Forceps and Vacuum Extractor (SAFE) Course	2
Simulation for Anesthesia Residents	5
Simulation for Clinical Skills Promotion	14
Starting Hemodialysis via Arteriovenous Fistula and Arteriovenous Graft Training	1
TICU Simulation Course	3
Ultrasound Guided Pain Workshop	2
Ultrasound Guided Regional Anesthesia	3
Vaccination Training Program	11
VIRTUAL REALITY SIMULATION	140
Basic Laparoscopic General Surgery Course	1
Cardiology Fellowship Program	18
Endoscopy and Colonoscopy Training	3
Hysteroscopy Simulator Training	2
Intensive Ultrasound Training Course for Residents	6
Laparoscopic Training	11
Ophthalmology Training	58
POCUS Session for Internal Medicine Fellow	2
Research on Developing a Telemedicine System	38
Vaginal Natural Orifice Transluminal Endoscopy (VNOTES)	1
GRAND TOTAL	1011



Contact us:

@ ITQAN@HAMAD.QA

+974 4026 5016

hamad.qa/en/education-and-research/sim/pages/default.aspx