University of Sharjah Clinical and Surgical Training Center
UOS CSTC
I would like to seize this opportunity to welcome you to the University of Sharjah Clinical and Surgical Training Center which is part of the College of Medicine, where we take the professional development of health care professionals very seriously and it is our mission to customize developmental programs for the healthcare professionals of the region and to make them accessible to all, at the best quality there is of all the latest surgical practices and clinical techniques, to ensure that our healthcare professionals are updated on the most recent technologies and get optimum hands on experience on the most recent techniques.

We engage the most esteemed faculty members and physicians from the region and globally to tailor and conduct the programs at the highest level of professionalism employing the most recent medical technologies and ensuring that our candidates are up to date with the most recent techniques and protocols in their respective fields.

The state-of-the-art facility with its simulated stations, its animal and cadaver wet labs, dry labs and classrooms, conference rooms, are all equipped to enhance the practical applications of surgical, ultrasound, life support and laser theories and contribute to the training of health care professionals as well as enhance and ensure the appropriate facilitation of the programs. The University of Sharjah Clinical and Surgical Training Center is supported by world-class international faculty, who oversee the learning from start to finish, with on the spot monitoring and evaluation.

We aspire to attain and realize the University of Sharjah’s overall vision of being among the leading institutions in the Arab World and in the region, well established all over the world for offering comprehensive academic and professional programs of the highest quality.

I sincerely hope that all health care professionals would be able to gain from the hands-on experience, knowledge and expertise that we provide at the University of Sharjah Clinical and Surgical Training Center and I invite you all, health care practitioners and faculty, to visit us and to take a tour to see for yourselves the impressive potential of our facility and work with our staff to benefit from the specifically tailor-made programs that we can offer.

Thank you,

Prof. Qutayba Hamid MD, PhD, FRCP, FRS
Dean of the College of Medicine
University of Sharjah
The University of Sharjah Clinical and Surgical Training Center is the beacon of surgical and clinical training in the UAE, the GCC and the MENA region. This center of excellence aims at advancing the surgical and medical professional education through upskilling of health professionals to improve their clinical competence and patient care leading to better patient safety. As one of the first training centers of its kind in the region, the University of Sharjah Clinical and Surgical Training Center is an established international center of excellence providing world class training in minimally invasive surgical techniques, advanced ultrasound, Life support and laser training, using advanced simulation including animal models and cadaveric organs as well as real patients for ultrasound and laser trainings.

The University of Sharjah Clinical and Surgical Training Center delivers Programs and courses in a unique and user friendly real-world environment. The faculty is internationally renowned and highly experienced, who are devoted to making a difference in surgical and clinical competence and patient care.

Within the campus our high quality conference facility offers a variety of meeting rooms, including 900-seat Conference auditorium, spacious and light open foyers, lounges and cafeterias. With an innovative room layout, international style with a focus on art, culture and timeless architectural design, we provide the ideal ambience and inviting atmosphere to accommodate your requirements, whether you are planning trainings, symposia, team meetings or business events. We have run more than 900 courses involving more than 11,000 healthcare professionals since 2010.

We look forward to welcoming you soon to the University of Sharjah Clinical and Surgical Training Center and to working with you towards our common goal of advancing Health Professional competence for the improvement of patient outcomes.

Thank you

Prof. Nabil Sulaiman, MD, FFPH, FRCP, PhD
Director of the University of Sharjah Clinical and Surgical Training Center
To create and establish a state-of-the-art training facility for health care professionals (HCPs) from across the Middle East that would set the standards for, lead and shape the way professional development programs for HCPs are carried out in this region according to the latest world standards.

To train and develop Health Care Professionals (HCPs) by offering a wide range of tailor-made development programs on the latest surgical practices and other clinical techniques in order to ensure proper adoption with optimum levels of healthcare practice in the Middle East.

We train surgeons and health care professionals on all advances in surgical technologies and techniques. We support surgeons, physicians and all Health Care Providers to improve and sustain the quality of care that they offer, by keeping them up to date with the most recent techniques and protocols in their respective fields, our main objective being to improve the healthcare and patient safety in the Middle East.
The University of Sharjah Clinical and Surgical Training Center is a state-of-the-art facility; the center was inaugurated on the 29th of May 2010 as a center of excellence in clinical and surgical training and is equipped with top quality laparoscopic and endoscopic surgery facilities that use animal, dry lab and virtual reality platforms.

From wet laboratories using cadavers and animals to Dry laboratories, simulation wards, classrooms and auditorium the University of Sharjah Clinical and Surgical Training Center serves the needs of most medical professionals in the region.

Since its inauguration in May 2010 the center has conducted almost 900 surgical and Clinical training courses involving more than 11,000 doctors, nurses and other health professionals from UAE, GCC, Middle East, India and Pakistan as well as some African Countries. About 50% of these courses were surgical/ orthopedic courses.
Our Structure

Clinical Training Center CTC
Medical Imaging/Radiology Courses are offered at the Clinical Training Center and they offer state-of-the-art imaging technology with qualified and experienced faculty. It is well equipped to cater to a variety of health care professionals’ radiological needs and provides vital support of almost all of the clinical specialties.
The organization and management of the Medical Imaging courses promote quality of patient care. Clinical direction is provided by the course moderators who are all consultants and faculty members of top Universities and Institutes/hospital medical staff. The faculty, technicians and support staff work closely together to make sure that high quality courses are provided to all candidates with sensitivity and professionalism. All courses are offered during business days and/or weekends.

Sharjah Surgical Institute SSI
Traditionally surgical incisions have been very large exposing all organs for performing a surgery prolonging the healing time, intensifying the pain and the scarring. Nowadays these procedures are being substituted by minimally invasive surgeries that only require small incision(s) and are less painful with a much shorter recovery time, reducing hospital stays and all the costs accompanying it. This has been enabled by the existence of advanced radiological equipment such as laparoscopes. The Sharjah Surgical Institute is fully equipped for all kinds of surgical trainings that require animals and cadavers as well as laparoscopic procedures. The Cadaveric Operations that take place include but are not limited to joints, Neuro/Cranial, orthopedic and more.

Sharjah University Laser Training and Research Center SULTARC
Its main aim is to provide high quality laser courses for safe laser aesthetic and cosmetic, dermatologic, and basic surgical laser. The University of Sharjah Clinical and Surgical Training Center is the only institute recognized in the UAE to certify Laser practitioners in all the different areas of laser applications, and is accredited by DHA. Offering CME Credit programs for the Arabian Gulf Region, the Institute is the only academic organization committed exclusively to education in the field of surgical, dental and aesthetic lasers. SULTARC is a collaboration between the College of Health Sciences, University of Sharjah and the Laser and Health Academy; Fotona d.d., Ljubljana, of Slovenia. It is sponsored by the academic division of Light Care International Ltd in UAE.
Clinical Training Center

CTC

The Clinical Training Center offers all our clinical training courses that include but not limited to aesthetics courses that teach the pathophysiology of ageing and how it can be improved, ethics of practicing, understanding the pharmacology of drugs and compounds, fillers and chemical peeling, indications and complications, as well as developing skills in injecting and using aesthetic drugs and synthetic fillers.

Ultrasound Courses that teach and develop issues such as clinical applications of sonography in the first trimester with an introduction to the use of 3D/4D in pregnancy, Doppler Ultrasound, fetal heart, Congenital Fetal Anomalies, ultrasound in obstructive renal pathologies, the new techniques in abdominal ultrasound, the benign and malignant liver pathologies, abdominal vessels and advanced ultrasound guided interventions and more, with extensive hands-on practical training on live patients.

Integrated Office Hysteroscopy and transvaginal ultrasound, that teaches and trains on indications and equipment for these procedures. This includes hands on training on hysteroscopy techniques both diagnostic and operative, managing your patient’s pain during the procedure, as well as integrating results of OH and TVU for evaluation and management of the gynecological cases.

Echocardiography courses specifically targeted to professionals needing to learn about and gain practical experience in; 2D adult echocardiography from experts in the field. Provides skills and knowledge to perform; detailed assessment of cardiac function, basic evaluation of various cardiac structures. Introduces a broad range of disease states for which echocardiography is useful, including; ischemic heart disease, valvular heart disease, pericardial disease, cardiomyopathies. Interactive Echo sessions to build confidence in interpretation and diagnosis, with a strong hands-on component on live models.
The Clinical Training Center is also an American Heart Association accredited center that conducts basic and advanced training courses in Emergency Medicine including resuscitation, trauma, disaster management as well as forensics (Crime Scene investigation) and medical education training courses.

**The Basic Life Support Course** for Healthcare Providers - provides a wide variety of healthcare professionals the ability to recognize several life-threatening emergencies, provide CPR, use an AED, and relieve choking in a safe, timely and effective manner.

**The ECG & Pharmacology Course** improves electrocardiogram (ECG) recognition skills and pharmacology knowledge for treating cardiovascular emergencies.

**The Airway Management Course** is a unique program specifically designed to give students the opportunity to learn, practice and demonstrate many airway skills used in resuscitation. Healthcare providers whose occupation or volunteer activities require airway management skills, in addition to professionals in the field of resuscitation and airway management, such as scientists, educators, researchers, and manufacturers of medical devices may find the course beneficial.

**The Advanced cardiovascular support, ACLS Course** builds on the foundation of lifesaving BLS for Healthcare Providers skills, emphasizing the importance of continuous, high-quality CPR. The course highlights the importance of team dynamics and communication, systems of care and immediate post-cardiac-arrest care. The ACLS course also covers airway management and related pharmacology.

**The Pediatric Emergency Assessment, Recognition and Stabilization, PEARS Course** helps healthcare providers develop the knowledge and skills needed for emergency evaluation and treatment of seriously ill infants and children. PEARS teaches providers how to recognize respiratory distress, shock and cardiac arrest and how to provide appropriate lifesaving interventions within the initial minutes of response until the child is transferred to an advanced life support provider.

**The Pediatric Advanced Life Support, PALS Course** enhances healthcare providers' skills in the treatment of pediatric arrest and periarrest patients. The goal of the PALS Course is to also improve the quality of care provided to seriously ill or injured children, resulting in improved outcomes.

For Lay rescuers i.e. parents, teachers, students, company staff, workers etc. offered in both Arabic & English we offer the Heartsaver® CPR and AED, Heartsaver® First Aid and Heartsaver® First Aid, CPR, and AED.

The practical approach employed in MIMMS, Major Incident Medical Management and Support (MIMMS) - UK has proved an invaluable aid to both civilian and military doctors, nurses and paramedics working in disaster management worldwide. The course includes basic knowledge assessment as well as practical triagem and communications skills.

Also Offered are the: International Trauma Life Support (ITLS) – USA, Pediatric ITLS – USA, Assessment & Treatment of Trauma (ATT) – by the American Academy of orthopedic Surgeons.
Our second platform is the Sharjah Surgical Institute that offers surgical training courses and programs on the most advanced techniques using our state-of-the-art facility that gives a real life simulation to trainees and candidates and gives them the chance to operate and practice safely in near real life situations and setups on basic surgical skills, endoscopic and laparoscopic procedures for hernia solutions and colorectal procedures and more using our animal and cadaver wet labs.

We offer the Basic Surgical Skills by the Royal College of Surgeons England as well as the Faculty Development Day for surgeons who are willing to become certified trainers. Phacoemulsification procedures are also taught, using the most recent machines and operating on artificial eyes supervised by the most senior consultants in the field. Sentinel Node Biopsy procedures are also taught to teach and practice mapping axillary lymph nodes using blue dye and radioisotope injection for early breast cancer detection.

Gastroenterological, gynecological, cardiology, urological, neurosurgical procedures are all taught in our wet labs with unlimited hands on experience and practice. Our orthopedic dry and wet labs create a great opportunity to practice different procedures as we train on knee arthroscopy as well as demonstrate instrumentation and run courses on total Hip, shoulder and spine Arthroplasty using cadavers.
Sharjah University Laser Training
and Research Center
SULTA RC

We offer courses on surgical laser principles and safety, aesthetic laser and light based hair removal that goes through all the skin and hair biology, laser concepts, safety, and laser and IPL hair removal methods and tissue effects as well as vascular and pigmented lesions, tattoos, skin rejuvenation, and skin resurfacing.

Laser maintenance and repair courses include week-long hands-on workshops on laser repair, and cover laser physics, safety, tissue interactions, power and energy measurements, simple and advanced optics, and the basic system maintenance on the primary laser types and Dye laser systems.

Vascular laser provides essential principles of exogenous and endovenous laser therapy as well as surgical, dental and gynecological laser courses.
Collaborations

The University of Sharjah Clinical and Surgical Training Center was established as a partnership venture between University of Sharjah, Ministry of Health, Royal College of Surgeons and American Heart Association to create and implement strategic training programs to improve the quality of health care in the region and to ensure the highest standard of patient’s safety.

Our collaborations provide a platform for medical and pharmaceutical institutes to present the most recent medical devices and products which complemented by our highly recognized professors from the region and globally, as well as the training courses that we tailor and provide according to needs and requirements; develop, train and teach the newest techniques and ensure that professionals are well informed, trained and updated on the newest technologies available in the market at all times as we are constantly creating, upgrading and developing our courses to meet current needs of professionals in both surgical and clinical specialties to ensure that they have a variety of products to choose from and to be trained on depending on their preferences, practice needs and their career developmental stage.
Whether you are looking to develop your career, learn a new technique, or refresh your skills and knowledge you can choose from our wide array of courses or you may prefer to work with our professionals to develop and tailor your own course depending on your needs and requirements as well as that of your colleagues and make it suitable for your workplace and practice essentials and necessities.

Testimonials

Dr. Fouad Zamel Sadek
Associate Professor of Orthopedics
Cairo University Hospital, Egypt

Dr. Hesham Al-Khateeb
Consultant Trauma & Orthopaedics surgery
King Hamad Hospital, Bahrain

Prof. Luca Neri
Director of Global Ultrasound Education,
WINFOCUS International-Italy

Prof. Richard Hoppmann
Dean of Medicine Society of Ultrasound in medical education (SUSME), University of South Carolina-USA

Dr. Mohamed Abu Hilal Mohamed
Consultant Hepatobiliary and Pancreatic Surgeon, University Hospitals NHS Trust, Southampton

Dr. Tim Tollens
Head of General Surgery department
Imelda Hospital, Bonhelden, Belgium

“Whether you are looking to develop your career, learn a new technique, or refresh your skills and knowledge you can choose from our wide array of courses or you may prefer to work with our professionals to develop and tailor your own course depending on your needs and requirements as well as that of your colleagues and make it suitable for your workplace and practice essentials and necessities.”

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