



UCSI Hospital

SPRINGHILL, LUKUT.

YOUR HEALTH COMES FIRST

MEDICAL SONOLOGY PROGRAMME: COURSES IN ULTRASOUND FOR MEDICAL STUDENTS & DOCTORS

UCSI Hospital is a leading healthcare institution in Malaysia that offers high-quality medical care across primary, secondary, and tertiary services. UCSI Hospital's Medical Ultrasound training for doctors and medical students offers several advantages, including access to state-of-the-art facilities and experienced healthcare professionals. This integration provides students with practical exposure to a diverse patient population and a range of medical conditions, fostering a comprehensive learning experience. Additionally, UCSI Hospital's commitment to advancing medical practise through research and education offers students opportunities to engage in innovative projects, further enriching their professional development.

UCSI Hospital in collaboration with Faculty of Medicine and Health Sciences is proud to pilot the incorporation of formalised certificate courses in ultrasound into its medical curriculum, marking a ground-breaking approach to medical education. This initiative provides medical students with early exposure to ultrasound techniques, equipping them with critical diagnostic as well as more in depth understanding of human anatomy. By integrating sonology practice into teaching modules, clinical competency is enhanced and aligned with the evolving demands of modern healthcare. This innovative program underscores UCSI's commitment to innovation in medical education, ensuring that doctors and medical graduates are well-prepared to deliver advanced, patient-centred care.

Every medical professional should learn ultrasound skills as it enhances diagnostic accuracy and enables quicker decision-making at the point of care. It improves patient outcomes by providing real-time, non-invasive imaging for a wide range of conditions. Additionally, ultrasound proficiency empowers doctors to perform procedures like guided biopsies, enhancing their clinical skills and autonomy.



*Integrating Ultrasound into
YOUR Clinical Toolkit!*

5 Reasons Why Doctors and Medical Students Should Learn Ultrasound

MASTER A VALUABLE SKILL

Ultrasound is a sought-after skill that can be applied across various clinical settings.

DEEPEN UNDERSTANDING OF ANATOMY AND PATHOPHYSIOLOGY

Real-time scanning helps correlation of clinical findings with anatomical knowledge and disease processes, enhancing overall understanding.

INCREASE MARKETABILITY AND CAREER OPPORTUNITIES

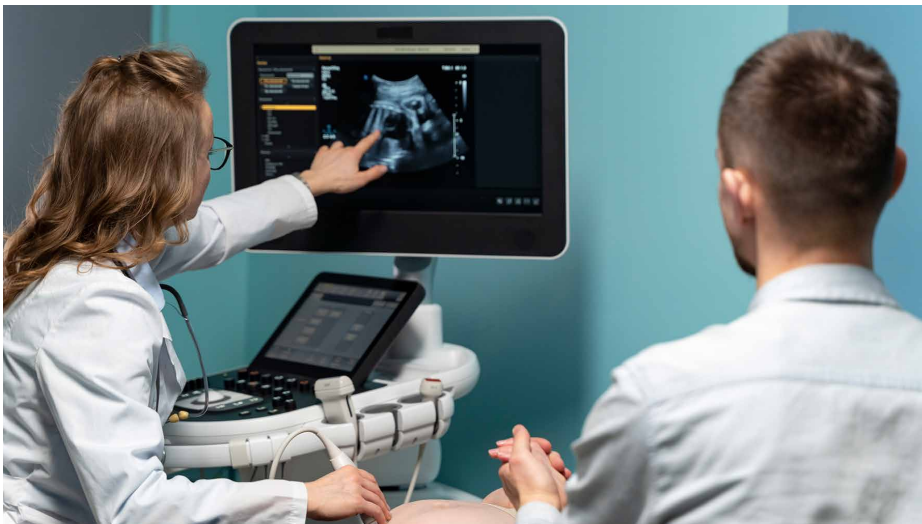
Learning sonology boosts career prospects and competitiveness in clinical roles and residency programs.

IMPROVE DIAGNOSTIC ACCURACY AND PATIENT OUTCOMES

Ultrasound aids in enhancing diagnostic precision, leading to better patient care.

PREPARE FOR THE FUTURE OF MEDICINE

As ultrasound becomes integral to modern medical practice, mastering it positions healthcare professionals for success in future healthcare environments.



*"Ultrasound is
Stethoscope of future"*

Who should attend ultrasound courses at UCSI Hospital?

1) DOCTORS AND SPECIALISTS

radiologists, obstetricians, gynecologists, emergency physicians, surgeons and general practitioners seeking to enhance their diagnostic skills.

2) MEDICAL STUDENTS: YEAR 4 AND 5 MEDICAL STUDENTS

who wish to build foundational knowledge in ultrasound technology. Medical Students undergoing medical electives programme.

Ultrasound Courses

Short ultrasound courses at UCSI Hospital are designed to provide doctors and medical students with focused, hands-on training in both the fundamentals and advanced techniques of ultrasound imaging. These courses cover key areas such as abdominal, breast, thyroid, obstetric, gynaecological, and vascular ultrasound, offering a blend of theoretical knowledge and practical skills. Participants will learn the principles of ultrasound physics, knobology, and image optimisation, as well as how to perform and interpret scans for various clinical applications. With guided supervision and access to state-of-the-art equipment, these short courses aim to enhance diagnostic capabilities and support the integration of ultrasound into daily clinical practice, particularly for those looking to expand their skill set in non-invasive imaging techniques.

Attachments and Medical Electives in Ultrasound

Attachments and medical electives in ultrasound provide medical students, residents, and healthcare professionals with an immersive learning experience in the field of diagnostic imaging. During these placements, individuals work under the supervision of experienced radiologists, emergency physicians, and obstetricians and gynaecologists to gain practical exposure to various ultrasound modalities, such as abdominal, breast, thyroid, obstetric, gynaecological, and vascular ultrasound. The focus is on developing technical skills in operating ultrasound machines, optimising image quality, and accurately interpreting results to diagnose a range of medical conditions. These attachments offer valuable hands-on experience, helping participants refine their clinical decision-making and improve their ability to integrate ultrasound into patient care, often serving as a stepping stone for those considering a career in radiology or related specialties.

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