

# A fruitful field trip



Nine IMU Chinese Medicine students (CM2/16) and a lecturer visited the Radiology Department at Universiti Teknologi MARA (UiTM), Sungai Buloh.

NOV 8, 1895, was denoted one of the most important dates in the timeline of the history of medicine.

It was the day when Wilhelm Conrad Röntgen, a German medicinal engineer and physicist, accidentally discovered a highly energetic electromagnetic radiation he called X-rays, leading to a revolution in medical imaging. He was then honoured with the first Nobel Prize in Physics in recognition of his remarkable discovery.

Recognising the importance of this, one of the modules in Semester 6 of the International Medical University (IMU) Chinese Medicine programme (a unique semester that focuses on various Western Medicine modules) is dedicated to a branch of medicine that deals with X-rays and different imaging modalities – radiology.

On Aug 26 this year, nine IMU Chinese Medicine students (CM2/16) and a lecturer visited the Radiology Department at Universiti Teknologi MARA (UiTM), Sungai Buloh. The two-hour visit was guided by an experienced senior consultant radiologist at UiTM, Assoc Prof Marymol Koshy.

The visit began with a brief introduction to the general settings in a Radiology Department. Dr Marymol then shared the in-depth knowledge of different modern imaging modalities, including magnetic resonance imaging (MRI), computerised tomography (CT) scan, plain X-rays and ultrasound imaging.

While visiting the MRI Department, Dr Marymol also demonstrated the pre-screening procedures before the MRI examination and the techniques to adjust, optimise as well as interpret some of the three-dimensional detailed MRI images in a computer. The students were attentive and able to answer most of the questions that Dr Marymol asked.

Furthermore, Dr Marymol also explained about the pros and cons of a plain X-ray and ultrasound imaging.

The students were allowed to use the ultrasound on each other and report the findings.

"Ultrasound imaging emits high-frequency sound waves and the image we see is the reflection of the sound waves.

"It is a useful tool to examine the fetus, gallbladder, liver, pancreas, spleen, kidneys and large blood vessels but not air-containing structures such as stomach and intestines," stated Dr Marymol.

The visit ended with IMU students and lecturer expressing their gratitude to Dr Marymol for her generous invitation and guidance throughout the two-hour visit.

IMU offers a four-year BSc (Hons) in Chinese Medicine. It also has partnerships with several universities of TCM in China (Shanghai University of TCM, Shandong University of TCM, Guangzhou University of TCM) and RMIT University, Australia for students to transfer after three years in the IMU Chinese Medicine programme.

Students will then be awarded the bachelor degrees in Chinese Medicine of the respective partner universities upon completion of their studies.

The Chinese Medicine programme in IMU is delivered in an integrative manner, where students will acquire knowledge from both Chinese Medicine and western medicine.

By delivering the programme in English, it is open to everyone who is keen to learn Chinese Medicine. Through such studies, students will equip themselves with evidence-based medical knowledge to deal with future challenges locally or internationally as a healthcare provider.

The commencement for the Chinese Medicine programme is in February and September of each year. IMU welcomes students with pre-university qualifications to join the university as a start to a promising and rewarding yet challenging future with a career in Chinese Medicine.

If you have pre-university qualifications, make an online application today.

If you have just completed your SPM and do not have pre-university qualification, consider enrolling in the one-year IMU Foundation in Science (FiS), the direct route for entry into any of the university's degree programmes.

■ For more information, refer to [www.imu.edu.my](http://www.imu.edu.my), email [start@imu.edu.my](mailto:start@imu.edu.my) or call IMU at 03-2731 7272.