

LMU Munich Medical International delivers university expertise

April 2007 - LMU Munich University opened its doors for medical consultation and education to international customers. The major focus of the activities is the planning of health care services and delivery as well as consultation for hospital planning and hospital management especially in the Middle East region. LMU Munich Medical International (LMU-MMI), the universities corporation, started its operations with the opening of the Ultrasound Training Academy in the heart of Dubai Healthcare City (DHCC). Furthermore LMU-MMI is planning a large simulation centre in Dubai and conducting a survey of trauma services in the Northern Emirates. The company is also planning a treatment centre for mental disorders in the Emirate of Sharjah.

Munich's Ludwig Maximilian University (LMU) has one of the largest and highest ranked medical schools in the world. Most recently LMU Munich University has been honoured by international consultants with an award for its concept for promoting leading-edge research. The LMU University Medical Centre is Germany's leading research centre which is home to 45 clinics, institutes and divisions at two locations (Munich city centre and Munich Grosshadern). The Centre covers all medical specialties like cardiovascular diseases, inflammation and infection, obstetrics and paediatrics, public health, neurosciences, transplantation medicine and tumor therapy. 1,800 physicians are treating about 83,000 inpatients and over 640,000 outpatients per year. Requests from global health care institutions and companies as well as intensive personal contacts have led to the decision to found a company to offer the Universities expertise to an international market.

LMU Munich Medical International

In 2005 the university established LMU Munich Medical International (LMU-MMI), a subsidiary corporation to deliver the know-how and the experience of LMU's medical experts to the international healthcare market. LMU-MMI provides medical training and technology transfer services. Led by Professor Frank Christ, an experienced manager and anesthesiologist, LMU-MMI is currently involved in a diverse range of projects in Europe, Russia and the Middle East region.

As a strategic partner of Harvard Medical International (working with the medical school since 1996), LMU Munich Medical International supports universities who are in the process of developing new curriculums for their medical faculty. Medical education programs for the teaching staff have been conducted for universities in Tokyo, Slovenia, Germany and Austria.

The company conducts training programs for medical doctors and healthcare executives in economics, science and education. It offers consulting services, business analyses and medical concepts to hospitals and other healthcare institutions. LMU-MMI also arranges privileged fellowship programs at the Munich University Medical Centre for young physicians and scientists from around the world.

Activities in the United Arab Emirates

The main focus of LMU Munich Medical International's activities is in the Middle East region, predominantly in the United Arab Emirates. The UAE Minister of Health, His Excellence Humaid Mohammed Obeid Al Qattami, has chosen LMU-MMI to provide a detailed study about the capacities and future development of the trauma service for the Northern Emirates with particular focus on Sheik Khalifa Hospital in Ajman. Based on the extensive experience of Munich University in assessing and restructuring large parts of the emergency services of Southern Germany, Southern Tyrol and Austria LMU-MMI will conduct the detailed analysis and provide the Ministry of Health with specific recommendations for the reorganisation of this service in the Northern Emirates.

Ultrasound Training Academy Dubai

In November 2006 LMU Munich Medical International commenced its first training courses at the LMU Ultrasound Training Academy Dubai, a 6,000 square foot training facility that provides interactive and computer based ultrasound training courses to medical professionals and sonographers from the Middle East, Asia, Africa and Europe.

In this rapidly expanding field of medicine quality training is crucial in order to achieve excellent results and hence it is not surprising that the Middle East region, in its thrive for world class medicine, is investing in this area. In the Academy, courses in abdominal & vascular ultrasound, obstetrical ultrasound, echocardiography, soft tissue- and trauma ultrasound are conducted.

The unique teaching methods used at the Academy draw from the longstanding experience of the LMU Munich University faculty. Interactive small group teaching sessions with patients or volunteers wherever possible is one of the most important features of the Ultrasound Academy. Being provided with the latest high-end technology and equipment from Siemens Medical Solutions the participants are at the forefront of technical development in ultrasound imaging. The courses also relate the clinical relevance of ultrasound to other diagnostic imaging modalities such as CT, MRI, and X-Ray Cardangiography.

The training programs are accredited by Harvard Medical School Dubai Centre (HMSDC) Institute for Postgraduate Education and Research. Participants receive a certificate which follows the German, or where applicable, European Guidelines for Certification in the specific course level.

Simulation Centre in Dubai Healthcare City

Dubai Healthcare City commissioned LMU Munich Medical International to plan a 30,000 square foot Medical Simulation Centre which will be part of a state-of-the-art educational facility built by [HMSDC](#).

The new building complex at the heart of Dubai Healthcare City is scheduled for completion in 2008 and will be equipped with leading-edge technology. It will also accommodate the Maktoum Harvard Medical Library which will be the most advanced collection of clinical and professional development resources for healthcare professionals in the region.

The planning process of the simulation centre is supported by the Institute of Emergency Medicine and Medicine Management (INM) at LMU Munich University, a leading institution in the field of simulation. The institute has established a high-tech simulation centre in Munich which is one of the most modern centres of its kind worldwide, integrating highly realistic scenarios for teaching trainees in the essential clinical skills of pre-hospital and in-hospital acute medical care. It also includes real time video monitoring system (full digital A-V) for evaluating the trainees.

Psychiatric Centre in Sharjah

Mental disorders pose the substantial, worldwide challenge for healthcare, which is predicted to increase further in the next decades. This is remains true to the Arabic culture where these kind of diseases have been neglected. For this reason the royal Al Qasimi family decided to build up a treatment centre for mental disorders in the Emirate of Sharjah - with the help of LMU-MMI. The treatment of patients suffering from mental disorders has a longstanding tradition at Munich University Medical Centre, making it currently one of the top psychiatric institutions in Europe. With the support of the government, local stakeholders and in particular Her Highness Sheika Jameela al Qasimi, LMU-MMI is developing a medical concept which will be tested in a feasibility study.

In early 2007 LMU Munich Medical International was exhibiting at Arab Health, the second largest health care exhibition worldwide, facing a great demand for German knowledge in healthcare. We have been overwhelmed with requests for detail from hospitals, institutions and companies who would like to cooperate with us, said Prof. Frank Christ, CEO of LMU-MMI. In view of the current developments and good future prospects in the health care sector it surely was the right decision to give access to the expertise of LMU University.

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