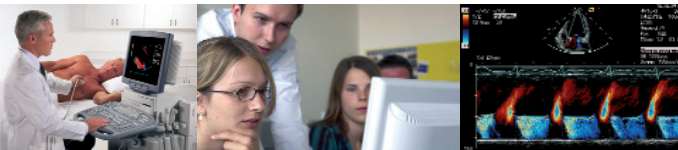


## Your benefits

- ▶ You learn to use a modern valuable method of imaging the body which has revolutionized medical diagnostics and patient health care.
- ▶ You get access to a technique which provides you with clinically useful information without significant biological side effects for your patients.
- ▶ You learn about the fundamental physical principles of ultrasound and to identify the basic sonographic anatomy and physiology of different organ systems.
- ▶ You will learn, discuss and deal with a variety of pathological disorders which will help you to draw conclusions for therapeutic consequences.
- ▶ You complete an application training on the most modern ultrasound devices under supervision of established experts and by the use of interactive media.



- ▶ You get an internationally approved certificate adapted to your specific needs.
- ▶ You will become part of a world wide network of experts and thus can continuously benefit from all other course participants and trainers.

### The Ultrasound Training Academy Dubai

offers customized packages including one to four days certified seminars and a break for recreation in the United Arab Emirates.

To find more information and the application form please visit our website:

[www.ultrasound-academy-dubai.com](http://www.ultrasound-academy-dubai.com)

## Academic Directors

### Echocardiography



**Prof. Dr. Peter Boekstegers, M-D.** is heading the Catherization Laboratory in the Department of Cardiology at Munich University Hospital Großhadern. He has published a large number of original articles including papers on hypertrophic obstructive cardiomyopathy, on multislice computertomography and on interventional cardiology.



**PD Dr. Michael Nábauer, M.D.** is Head of the Echocardiographic Unit of the Department of Cardiology at Munich University Hospital Großhadern. In addition, he is heading the Magnetic-Resonance-Imaging-Section of the Department of Cardiology. He has published on contrast echocardiography and MRI-imaging in cardiovascular disease.



### Contact

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## Transthoracic Echocardiography

Ultrasound Training Academy Dubai

## Who we are – What we do

The **LMU Munich Medical International GmbH** (LMU MMI) was established as a subsidiary corporation of the Ludwig Maximilian University (LMU) Munich to make its know-how in clinical services, medical education and research available to others.

**Our mission** is to share our expertise and experience to provide leaders in health care and academic medicine with strategic insight critical to navigate today's dynamic health care community.

**We enjoy the benefits** from our strategic partnership with Harvard Medical International (HMI), Boston. LMU Munich Medical International and HMI have a shared vision of quality healthcare accessible for everyone – equally.

**We offer highly qualified** training programs and consulting services. Our package is designed for academic and business leaders and affiliated vocational groups in hospitals, universities, state and non-state organizations. We plan and manage clinical service centers and deliver high-standard patient care.

**The University of Munich** ranks among the very best research universities in Germany and in Europe. Its Faculty of Medicine is one of Germany's leading research centers and one of the largest medical training institutions in the nation. The University Hospital Center is home to 43 clinics, institutes and divisions and covers all medical specialties.



## Munich University Ultrasound Training Academy Dubai

**Groundbreaking innovations** in diagnostic technologies and imaging are an immense challenge for all health care providers – large research institutions and hospital ultrasound departments, as well as clinics and private practices.

**Today's ultrasound technologies** benefit in particular from high performance electronic components that allow for a high degree of differentiation between healthy and diseased tissues, thus enabling clinicians to reach more accurate and precise diagnoses fast.

**To tackle these challenges requires** special skills and intensive training. We help you to perform well within an international and ambitious team.

**The LMU Munich University Ultrasound Training Academy Dubai** is a world-class educational center focused on ultrasound technics and application training. The Academy is designed to deliver specialised programs

for medical doctors and professionals in the Middle East, Asia and Europe.

**Our assets draw from the know-how** and the experience of outstanding experts and the medical faculty at the University of Munich.

## „Transthoracic Echocardiography“

The course “Transthoracic Echocardiography” is designed for physicians and technicians involved in the area of cardiac diseases as well as sonographers and other professionals learning cardiac ultrasound.

Echocardiography of the heart is one the most important diagnostic tools for the routine management of patients with cardiac diseases. With an interdisciplinary approach this course provides the theoretical and practical basis for all applications of cardiac ultrasound. You will be introduced to ultrasound techniques like M-Mode, 2D and 3D-Echocardiography, Stress Echocardiography, CW Doppler and Color Flow Doppler.

The course provides an introduction to normal ultrasound anatomy of the heart, followed by pathologic changes like coronary artery disease, valvular heart disease, systolic and diastolic heart failure, pulmonary embolism, aortic disease, pericardial disease and cardiac neoplastic diseases.

You will have interactive sessions on when and how to use echocardiographic information in comparison to other non-invasive and invasive techniques. The training includes interactive teaching, intensive hands-on training and case based work in small groups.

You will receive a certificate which follows the German or where applicable European Guidelines for Certification for the specific course level.

