7th INTERNATIONAL TRAINING COURSE:

ULTRASOUND IN NEUROSURGERY

June 4-5 2015, St. Olavs Hospital, Trondheim, Norway

Arranged by the National Competence Centre for Ultrasound and Image Guided Therapy

St. Olavs Hospital, Norwegian University of Science and Technology (NTNU) and SINTEF

The course will provide lectures and training in how to use real-time 2D ultrasound and 3D ultrasound with navigation in neurosurgery. Special topics covered in the course will be:

- Basic ultrasound imaging
- Basic principles of neuronavigation
- Training in ultrasound image interpretation
- 2D and 3D ultrasound acquisition
- Ultrasound guided resection of brain tumours
- Ultrasound Doppler imaging in vascular surgery
- Hands on session and training
- Clinical experiences, including:
  - Ultrasound Contrast imaging in surgery of brain tumours. Experience from Milan, Italy
  - Navigable US - a Multifaceted and Multipurpose tool for Glioma surgery: Experience from Tata Memorial Centre, India
  - Navigated 3D intraoperative ultrasound-guided awake resections of eloquently localized low-grade gliomas. Experience from Bratislava
  - Live video-conference with the OR during surgery using ultrasound

COURSE REGISTRATION AND INFORMATION: www.usigt.org

COURSE FEE: 500 € (incl. course material, lunch, 1 dinner)
COURSE LOCATION: St. Olav Hospital, Trondheim, Norway
COURSE ADDRESS: Edvard Griegs gate 8, Trondheim