

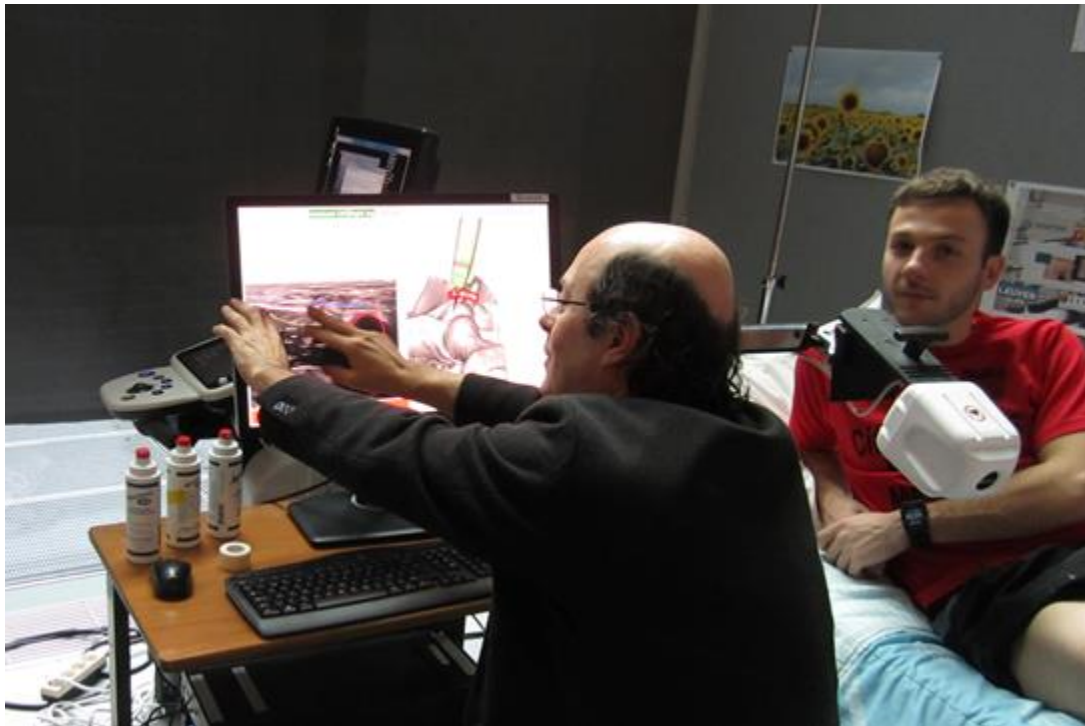
World's first regional anaesthesia assistant system introduced

At the International Winter Symposium on Anesthesia and Perioperative Care in Trauma in Leuven, the EU-funded RASimAs project demonstrated the world's first regional anesthesia assistant system (RAAs).

The system aroused a great deal of public interest and almost 70 attendees from the symposium were able to try it; more than 30 of them described themselves as specialist anesthetists.

More than half of the surveyed delegates said they would be willing to use the Assistant in their daily practice, while medical students thought it was a useful training aid. Most trainees agreed that the RASimAs system is easy to use and particularly helpful in patients with a difficult anatomy and would be an excellent training tool.

Statistical analysis shows a significant positive correlation between all metrics and the ability to correctly identify the boundary of the femoral nerve from an ultrasound image – i.e., having been formally trained, performing the procedure very regularly, and having larger prior experience of conducting any peripheral nerve blocks (PNB) procedures. Additionally, having been trained or not in ultrasonography-guided PNBs results in a statistically significant increase (of approximately 100%) in successfully identifying the nerve from the image shown.



RASimAs Impressum:

Ref: FP7 ICT-2013.5.2, No 610425
Web: www.rasimas.eu
Twitter: @rasimasEU
Facebook: www.facebook.com/rasimasEU
Mail: deserno@ieee.org

Contact:

Prof. Dr. Thomas M. Deserno
Department of Medical Informatics
Uniklinik RWTH Aachen
Pauwelsstr. 30, 52057 Aachen, Germany
Fon: +49 241 80 88793

