Innovative ultrasonic digital impressioning

RWTH Aachen University to exhibit at International Dental Exhibition in Cologne

Aachen, February 19, 2015 – A team of engineers from the Chair of Medical Engineering and dentists from Uniklinik RWTH Aachen is developing an innovative ultrasonic technology for digital intra-oral impressioning. Ultrasonic waves can penetrate gum tissue, saliva and blood non-invasively without exposing the body to radiation. This has decisive advantages when taking intra-oral impressions: using an ultrasonic intra-oral scanner can eliminate the need for invasive, complex, time-consuming procedures to expose the teeth and make it unnecessary to clean or dry the oral cavity in preparation for digital imaging. Both dentists and patients can benefit from this innovation.

Anyone who would like to find out more about this innovative ultrasonic impression technology can obtain more information from RWTH Aachen University Hospital's stand at this year's International Dental Exhibition (IDS Hall 10.2 stand 068). Attend the presentation on "Ultrasonic Digital Impression" in Speaker's Corner (March 11, 2015, 12 noon, IDS Hall 3.1 M010). From March 12, 2015, if you visit the stand at 11 am and 3 pm, you can also obtain further information from speakers Prof. Dr. med. dent. Joachim Tischert and Dipl.-Ing. Thorsten Vollborn.

Please contact the trade fair coordinator with any queries and requests for appointments:

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About Uniklinik RWTH Aachen

Uniklinik RWTH Aachen is a supramaximal healthcare provider that combines patient-oriented medicine and nursing with world-class teaching and research. The University Hospital covers the entire spectrum of medicine with 34 specialist clinics, 25 institutes and five interdisciplinary units. Outprisingly qualified teams of doctors, nurses and scientists commit themselves competently to the patient’s health. Bundling healthcare, research and teaching in one central building provides optimum conditions for intensive interdisciplinary dialogue and a dense clinical and scientific network. Around 6,000 personnel provide patient-oriented medical care and nursing in compliance with recognised quality standards. The University Hospital has 1,240 beds and treats approximately 47,000 inpatients and 153,000 outpatients every year.