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World-renown surgeons and their residents take part in the first-ever international, shared collaborative orthopaedic surgery in Virtual Reality

An award-winning software by ORamaVR connects five different cities and four leading medical schools worldwide, transforming virtual surgical training for ever

Stanford, CA: Surgical training is being transformed, as ORamaVR has demonstrated the first-ever international VR co-operative surgical training, linking together the Stanford Medical School, the USC Keck School of Medicine, the NYU Langone Medical School and the Aristotle University Medical School. World-renown surgeons and residents from these medical schools collaborated fully during a simulated Total Hip arthroplasty operation, with five remote participants located in Stanford, Los Angeles, New York in USA and Thessaloniki, Heraklion in Greece: <https://youtu.be/jnulGrLXbA>

“Our residents cannot easily memorize the complete and complex sequence of events during an arthroplasty operation unless they perform it first numerous times with their own hands. Now via the ORamaVR co-operative software this is possible for anyone, anytime, anywhere and even remotely.”

Prof. Eleftherios Tsiridis, ORamaVR CMO

“For the first time in the history of online, collaborative virtual environments, we are now able to empower surgeons and their residents to be fully present in the virtual operating room, communicate and actively operate together on a virtual patient.”

Prof. George Papagiannakis, ORamaVR CEO/CTO

Among the first clients to adopt the ORamaVR co-operative products are the USC Keck School of Medicine, Los Angeles, the NYU Langone Health in New York, the Foundation of Research and Technology – Hellas and University of Athens in Greece as well the Biomedical and Multimedia Information Technology group at the University of Sydney, Australia. ORamaVR has been awarded the prestigious FARE award, together with NYU, from the American Association of Hip and Knee Surgeons (May 2018) as well as the second prize in the 8th Innovation & Technology Competition organized by the National Bank of Greece (May 2018).

About ORamaVR: ORamaVR (<http://www.oramavr.com>) is a VC-backed startup (PJ Tech Catalyst Fund) that focuses on transforming the medical education (knowledge) and training (skills) of surgeons through innovative virtual reality simulation and skill transfer from the virtual to the real operating room, thereby reducing errors and improving patient outcomes. The Co-founders of ORamaVR are Prof. George Papagiannakis, Prof. Eleftherios Tsiridis, Prof. Panos Trahanias as well as the Institute of Computer Science of the Foundation for Research and Technology - Hellas.