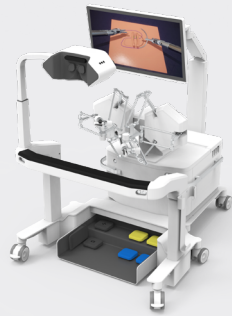


PRESS RELEASE

InSimo and VirtaMed strengthen their partnership with the launch of a **dedicated suturing module on the new RoboS™ robotic surgery simulator**

Strasbourg and Zurich, January 9th 2025

The Strasbourg-based company [InSimo](#), specialized in the development of high-fidelity simulation software for medical and surgical training, and [VirtaMed AG](#), a world leader in the most realistic surgical simulation training, are pleased to announce the **renewal of their partnership to create state-of-the-art simulation exercises aimed at raising the standards for robotic suturing training.**



Precise, ultra-realistic training in the fundamentals of robotic surgery

The benefits of robotic surgery are numerous: **control over the precision of complex gestures, improved visualization, less invasive procedures, or even shorter hospital stays and faster convalescence.** Thanks to technological advances, robotic surgery is becoming increasingly accessible, and is now an essential alternative for complex surgery. However, supporting healthcare professionals in mastering the technical aspects of robotic surgery presents **unique challenges that require specialized training.**

VirtaMed's new RoboS™ robotic surgery simulator closely mimics leading robotic surgical consoles. It provides a controlled, risk-free training environment to enable surgeons to acquire the essential skills and confidence to perform these procedures.

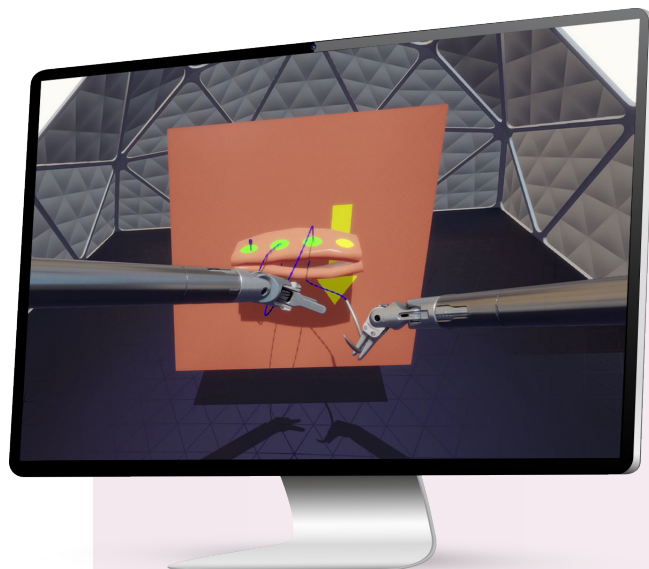
RoboS™ complements VirtaMed's range of simulators already adopted **by many medical training organizations worldwide for their students.** The benefits are clear in improving the quality of practice and patient care.

High-fidelity virtual suture simulation: a real technical challenge!

Training in robotic surgery usually begins with **the acquisition of fundamental skills, such as suturing.** Reproducing the realism of suturing in a virtual simulation represents a technical challenge. Whether manipulating needles through tissue, making knots or closing wounds, digital models often struggle to accurately reproduce the subtleties of this fundamental surgical gesture, despite its critical importance in any surgical procedure.

InSimo's cutting-edge technology combined with VirtaMed's new RoboS™ simulator

Thanks to many years of research and development, InSimo has developed a **highly advanced interactive surgical suture simulation model** including realistic suture behavior dynamics and precise suture manipulation control. **InSimo's technology** pushes back current limitations to **offer an ultra-realistic suture simulation** that sets it apart from anything else currently available on the market.



The partnership with VirtaMed fosters the dissemination of this cutting-edge technology through a set of essentials and advanced suturing exercises available worldwide, integrated with the new RoboS™ simulator.

This partnership, which began in 2022, has already resulted in the delivery of two simulation modules that have been integrated into the LaparoS™ laparoscopic surgery simulator.

28 exercises for high-quality training

First demo of RoboS™ at International Meeting on Simulation in Healthcare (IMSH 2025)

Try RoboS™ from January 10th to 14th, 2025 at the IMSH conference in Orlando, Florida, booth (#347).

[The International Meeting on Simulation in Healthcare \(IMSH\)](#) is a leading global scientific conference exploring the latest innovations and best practices in healthcare simulation.



“ We are thrilled to announce that our software is now available on VirtaMed’s robotic surgery simulator. This marks a testament to the strength and trust in our partnership, which is now reaching a new level. The complementary nature of our partnership enable us to participate in the launch of a simulator rich in high-fidelity content. ”

One of our ambitions is to democratize surgical robotics through training courses accessible to as many people as possible. The distribution of our software on RoboS™ is an outstanding step in this direction! ”

Pierre-Jean Bensoussan
InSimo - CEO

“ Our ongoing collaboration between VirtaMed and InSimo has been focused on advancing surgical simulation, particularly in the development of tools to enhance suturing skills. By combining our expertise, we have created innovative training solutions that address the growing demands of modern surgical procedures. This partnership is driving significant progress in surgical education, making it more precise, efficient, and accessible. ”

Our work not only equips surgeons with advanced skills but also contributes to improving patient outcomes, marking a pivotal step in the evolution of robotic surgical training. ”

Marcel Hohl
VirtaMed AG - Chief Product Officer



InSimo has been developing medical simulation software for surgical and medical training since 2013. "Never the first time on the patient". This is the aim of healthcare simulation training: to offer medical students experience learning modalities to practice without risk to the patient.

InSimo's expertise in interactive biomechanical simulation, inherited from academic research, is complemented by many collaborations with the medical world, as a result of a historical integration at the heart of the Strasbourg university hospital.

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Our mission is to alter the way medical skills are taught. VirtaMed believes that all patients should experience surgical excellence.

Since 2007, we empower surgeons to reach proficiency by integrating state-of-the-art, virtual reality-based, data-driven education into medical training. Combining virtual reality graphics with original instruments and anatomic models for realistic tactile feedback, VirtaMed simulators provide structured courses and performance-based proficiency assessments. We also partner with medical societies and internationally renowned experts to develop standardized curricula and training courses for professional development.

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