

OSSimTech™

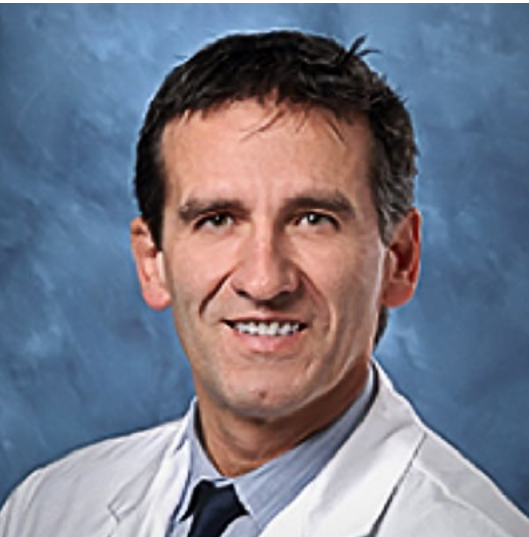
Creators of open surgery training simulators

Open surgery SIMULATION

*Virtual practice
Real skills™*



• Testimonials •



Dr. Guy Paiement, M.D., M.B.A.
Associate Director, Education Orthopaedic Center
Cedars-Sinai Medical Center



After many years of training young residents, I've noticed that a lot of them hadn't acquired some of the basic manual skills during their medical school years. Including the **Sim-Ortho™** simulator in my educational curriculum has since then not only been able to help them develop these necessary skills but it has most and foremost enabled me to identify early on which candidates are most talented to pursue a surgical career. The simulator is now an intricate part of my recruitment process.

Working with **OSSimTech™** means that I can rely on a product that integrates key procedures in a top-quality VR environment. Their medical and engineering teams work hand-in-hand with a network of professionals to offer us, hospitals, training centers and doctors, a simulator that meets our needs and objectives.

With simulation now a permanent component of medical training, I'm pleased that my students can train on the **OSSimTech™**'s **Sim-Ortho™**, and look forward to integrating the next generations of simulators currently in development.

Dr. Guy Paiement, M.D., M.B.A.



Dr. Vincent Massé, M.D.

Orthopedic Surgeon, FRCSc Fellow
Associate Professor, University of Montreal, Canada

HMR Hôpital Maisonneuve-Rosemont
Centre affilié à l'Université de Montréal

From the very beginning we knew that collaborating with **OSSimTech™** would be beneficial. At Maisonneuve-Rosemont Hospital, we were proud to be called to participate in the development of the very first training VR simulator for orthopedic open surgery. The team at **OSSimTech™** is professional and passionate. What ensued was not only the beginning of a fruitful relationship, it also enabled HMR to add to its educational structure a new tool that would have a significant impact on our residents' abilities.

Since then, we've introduced the simulator in our training process with a noticeable outcome. Residents are able to identify where they need more practice, manage their own training schedule and they gain confidence as their skills evolve. We are currently undergoing a validation study to support our observations.

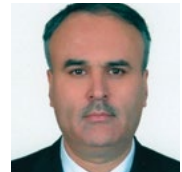
Working with **OSSimTech™** and the **Sim-Ortho™** simulator means that Hôpital Maisonneuve-Rosemont's orthopedic team is better equipped to deal with the challenges we must face in the operating room. It is a privilege to be their partner.

Dr. Vincent Massé, M.D.
Orthopedic Surgeon

Sim-Ortho™ - Testimonials

“The **Sim-Ortho™** is a platform that simulates 3D virtual reality interventions. Through its haptic devices, this platform has the capacity to relay a realistic tactile feedback that is very similar to the feedback experienced during real surgery. This system is designed for training to help surgeons acquire and master critical skills to ensure surgical efficiency and safety.”

- Lahbib Soualmi M.D., PhD,
King Fahad Medical City Riyadh, Saudi Arabia



“**OSSimTech™** are a hugely impressive technology start up. Not only have they brought to market the first open knee replacement simulator, but they are committed to working in partnership with clinicians in order to improve and make **Sim-Ortho™** increasingly realistic.”

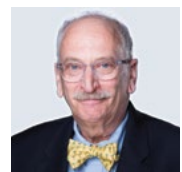


- Dr. Tom Wainwright M.D., Orthopedic Surgeon,
Orthopaedic Research Institute / Bournemouth University

“ Modern education and training of Orthopaedic surgeons relies on residents having laboratory learning and direct patient experience. In coming years motor skills will increasingly be taught in a laboratory setting in order to improve operating room performance of Orthopaedic residents and fellows.

Having low and high fidelity models will educate and improve surgical performance and is making a difference in the mastery of Orthopaedic procedures in a manner that improves patient safety and surgical outcomes. In particular the high fidelity tools such as **OSSimTech™**'s **Sim-Ortho™** orthopaedic open-surgery simulator is an exemplary tool that will positively impact resident and fellow training. Eventually high fidelity simulators may be part of the competency based curriculum in Orthopaedic surgery. And the future of board certification may include testing on high fidelity simulators for candidates to become certified.”

- Dr. Shepard Hurwitz, Professor of Orthopaedics,
University of North Carolina



Sim-Ortho™ - Academic partners





OSSimTech™

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