

## Voices of our Customers





**Dr. Roger Härtl** Professor of Neurological Surgery, Weill Cornell Medicine Center for Comprehensive Spine Care, New York, USA "RealSpine is an excellent model for training and education. It feels like operating a real patient - its authentic anatomical structures, the pathologies, the intra-operative bleeding system make it a unique experience for every surgeon."





**Dr. Avelino Parajón** Head of Spine Section -Neurosurgery Department Ramón y Cajal University Hospital, Madrid, Spain



**Dr. Jean-Yves Fournier** Chief Physician Department of Neurosurgery Hôpital du Valais. Sion Switzerland

"Over the last years I have conducted many courses with the Realists Training Systems. For me RealSpine from Realists has proven to be an excellent alternative to cadavers. What I particularly appreciate about RealSpine is the incredibly high level of detail in the anatomical models. This enables surgical procedures to be performed in almost the same way as surgery on patients. Especially now, in times of COVID -19, where the use of cadavers is difficult, RealSpine proves to be an excellent system for training in spine surgery."

"As simulation should provide a safe and standardized environment for training surgical skills and techniques, RealSpine offers precisely this opportunity to acquire and train surgical skills in an environment equal to a real surgical scenario with real instruments and surgical technique. Moreover, it offers realistic training away from emergency setting and surgeons are allowed to commit errors and repeat one and the same procedure over and over again without any consequences for the patient."



Dr. med. Andreas Korge Head Physician Spine Centre Schoen Clinic Munich, Germany

"The Real Spine Trainer is a brilliant simulation module for surgical interventions on the spine. With realistic representation of the intraoperative situs or the paravertebral and intraspinal anatomy, minimally invasive disc, decompression and fusion operations can be simulated. Defined pathologies (herniated disc, mono- and bilateral spinal stenosis, etc.) are available to both the prospective and established surgeon for minimally invasive surgery. The management of complications (dural lesions) can be trained. Realistic haptics and the use of correct surgical instruments provide an advantage over virtual reality simulations. Working with the RealSpine Training System helps to reduce intraoperative learning curves. Its use is not restricted to an actual operating environment but is guaranteed at any location."





**Dirk Göthel** Authorized Officer - General Manager, RIWOspine GmbH



Dr. med. Michael Breitenfelder Senior Physician Orthopedic and Trauma Surgery Clinic Head of Center for Spinal Surgery St. Mary's and St. Anna's Hospital, Ludwigshafen am Rhein, Germany "The RealSpine models with endoscopic approach offer an excellent opportunity to learn and train the endoscopic technique for the surgical treatment of degenerative spinal diseases. It is a perfect addition to our existing education program and helps to guide surgeons faster through the individual learning steps. As a supplier of instruments and devices for fullendoscopic spine surgery, we are very pleased to offer our clients another opportunity to experience and learn fullendoscopic surgical techniques with the RealSpine models."

"With the Real Spine Trainer we had some brilliant experiences with the trainee surgeons in our department. Due to COVID, surgical training is getting more difficult at the moment. Therefore Realist is offering a great opportunity to deal with the technique and difficulties of lumbar decompression surgery in a terrific realistic setting."



**Prof. Øystein P. Nygaard** Neurosurgeon St. Olavs University Hospital Trondheim, Norway



**Dr. Ralf Wagner** Spine Surgeon, Senior Physician, Ligamenta Spine Center. Frankfurt, Germany

"RealSpine is a very innovative model for spine surgery training. We have used it in several courses and found it works well in minimally invasive surgery (MIS) training for both young and more experienced surgeons. Because of its realistic anatomical structures and simulated fluids, the model behaves as realistically as a real patient. The joint development of the stenosis model also demonstrates the flexibility of the model to be able to operate on several pathologies with a single simulation system."

"With the endoscopic module a classic and advanced spinal stenosis with over the top decompression, spondylolisthesis, disc herniation on both sides can be treated and the training of implant or pedicle screw placement is possible. All RealSpine endoscopic training follows a clear didactic structure that has been adapted to the special needs of our customers and can be perfectly integrated into the curriculum of spine societies and hospitals any surgical residency simulation training program."



Dr. Jin-Sung Kim Associate Professor, Department for Neurosurgery St. Mary's Hospital, The Catholic University of Korea Seoul, Korea



MD. Hazem Nicola Department of Spine Surgery Minimally Invasive, Arthroplasty and Deformity Hospital San Juan de Dios de Caracas, Venezuela "RealSpine is such an excellent model, especially for training and education. I think in the near future it may play an important role in medical training and education."

"I see in the RealSpine modules a unique opportunity for education and training, versatile and close to reality experience, even more complete than in cadavers specimen. It is an excellent option to shorten the learning curve in all the pathologies in the catalog. The possibility to switch from open to minimally invasive surgery and the use of simulated x-ray and navigation opens for numerous training plans for different levels of expertise in the field. I want to highlight the possibility to set up in any location an operating room

environment."

#### Realists Training Technologies GmbH

Heinrich-Heine-Str. 35 04178 Leipzig, Germany +49 (0) 341 2569 2327 contact@realists.de

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