

SpineGuard announces adoption of its DSG® technology by the 15th French-based spine-teaching institution

“Spine surgeons at the Centre Hospitalier Universitaire in Bordeaux have decided to adopt PediGuard in order to further increase the reliability of screw placement in the vertebrae and ensure optimum patient safety, while also reducing surgical teams’ and patients’ exposure to radiation,” said Professor Jean-Charles Le Huec and Professor Jean-Marc Vital, professors of orthopedic surgery at CHU de Bordeaux, France. *“PediGuard uses an X-ray-free, impedance-based technology allowing the anticipation of any incorrect trajectory when inserting screws into the vertebrae. This highly reduces radiation exposure while providing a safer surgical procedure and can be effectively combined with 3D navigation.”*

PARIS and SAN FRANCISCO, April 15, 2015 – SpineGuard (FR0011464452 – ALSGD), an innovative company that designs, develops and markets disposable medical devices intended to make spine surgery safer, announced today the adoption of PediGuard by a 15th French University Hospital specializing in spine surgery: CHU de Bordeaux.

CHU de Bordeaux has acquired several technologies designed to safeguard and optimize back surgery and the surgical procedure itself, such as per-operative 3D imaging, navigation coupled with infrared and robot-assisted surgery. The clinical benefits of SpineGuard’s device are essential for young surgeons in training as well as for complex cases, because PediGuard offers an additional guarantee for the patient and reduces use of per-operative radiation. The CHU de Bordeaux has decided to support its surgical team with this optimization process by focusing on safety and teaching.

Pierre Jérôme, CEO and co-founder of SpineGuard, added: *“CHU of Bordeaux is well-known for its expertise in spine surgery. Many orthopedic surgeons who practice there benefit from international renown among their peers, and it is extremely satisfying that they are beginning to use our DSG™ (Dynamic Surgical Guidance) based devices. PediGuard is now used in half of the French university hospitals and a quarter of the spine-surgery teaching institutions in the United States.”*

[Click here](#) to view testimonies from other eminent spine surgeons on the benefits of Dynamic Surgical Guidance for pedicle screw placement and the dangers of radiation exposure inherent to the use of medical imaging.

About SpineGuard®

Co-founded in 2009 in France and the USA by Pierre Jérôme and Stéphane Bette, SpineGuard’s mission is to make spine surgery safer. Its primary objective is to establish its proprietary Dynamic Surgical Guidance (DSG™) technology as the global standard of surgical care, initially for safer screw placement in spine surgery and then in other surgeries. PediGuard®, the first device designed using DSG was co-invented by Maurice Bourlion, Ph.D., Ciaran Bolger, M.D., Ph.D., and Alain Vanquaethem, Biomedical Engineer. It is the world’s first and only handheld device capable of alerting surgeons to potential pedicular or vertebral breaches. Over 37,000 surgical procedures have been performed worldwide with PediGuard. Numerous studies published in peer-reviewed medical and scientific journals have demonstrated the multiple benefits that PediGuard delivers to patients, surgical staff and hospitals. In 2015 SpineGuard started to expand the applications of DSG into pedicle screws through partnerships with innovative surgical companies in France and the US. SpineGuard has offices in San Francisco and Paris. For further information, visit www.spineguard.com.

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