PARIS, May 28, 2012 (PR NewsChannel) -- “Today’s healthcare challenges extend outside the operating room and demand cost-effective, safe and efficient solutions,” says Dominique Petit, founder and CEO of privately held, Paris-based S afe Orthopaedics . “Safe Orthopaedics exists to deliver those technological solutions to the marketplace.”

While cost containment is at the forefront of all healthcare related issues, **orthopaedic implant systems** present particularly difficult challenges. These systems are traditionally very large, complex and heavy; hospitals are required to receive, inspect, wrap and sterilize the systems in preparation for surgery, and then clean and decontaminate them after the surgery to prepare for the next case or return shipment.

Safe Orthopaedics aims to help hospitals reduce this expense burden by revolutionizing orthopaedic and spinal implant system design with surgical kits that are lightweight, clean, sterile and “surgery-ready” at a moment’s notice, and do not require extensive post-op inventorying and storage.

In addition to significantly reducing hospital costs, this innovative approach to surgical device design will also help to ensure greater patient and staff safety — a critical issue for surgeons and hospitals alike.

“The fact that I’m utilizing never-used-before, sterile instruments and implants gives me, the hospital staff and my patients peace of mind,” says Jean-Charles Le Huec M.D., professor of orthopaedic surgery and chairman of the spine department at Bordeaux University Hospital (France), president of Eurospine 2012 (SpineWeek) and past president of The International Society for the Advancement of Spine Surgery (ISASS).

To further enhance patient safety, and satisfy anticipated regulatory requirements in the Western European and U.S. markets, Safe Orthopaedics' products incorporate a proprietary tracking system that allows comprehensive traceability of every implant and instrument used in a procedure.

Increased cost effectiveness and enhanced patient safety are supported by the core concept underlying Safe Orthopaedics' approach to product design: efficiency.

"What strikes me most about the system is the simple efficiency of the technology," says Le Huec. "The instrument sets are comprehensive and recyclable. Everything is new, in perfect condition and calibration, and ready to go at a moment's notice. This is clearly a major step forward in making these systems easier, safer and more cost effective."

In May 2012, Safe Orthopaedics introduces its first innovative product line: the SteriSpine™ PS Pedicle Screw System, which offers a full-featured lumbar fixation system in a sterile, traceable and single-use format. The launch of SteriSpine™ PS in Amsterdam marks the beginning of a phased roll-out that will commence in Western Europe immediately and expand geographically throughout 2012.

About Safe Orthopaedics: Safe Orthopaedics was founded (Paris, France) in 2010 by Dominique Petit, a 22-year entrepreneur / engineer veteran of innovative spine technologies, Pierre Dumouchel, industrialization expert, and Thomas Droulout, technology and materials expert.

In line with the significant healthcare issue of today, Safe Orthopaedics is focused on enhancing the cost-effectiveness, safety and efficiency of orthopaedic implant / instrument systems. These enhancements are achieved by a new model of single-use, sterile and traceable orthopaedic procedure kits. By streamlining the expensive, complex and inefficient process by which implant systems are delivered, Safe Orthopaedics endeavors to dramatically improve the value proposition of these procedures for hospitals, surgeons and the collective healthcare systems they serve.

For more information, please visit www.safeortho.com