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Waltham, MA - OrthoFundamentals, the manufacturer of cost-efficient single-use orthopedic solutions announced successful first cases of the Trellis™ SI Joint Fusion System from both a direct lateral and a posterolateral oblique approach. The Trellis platform is comprised of sterile, single-use disposable instrument kits paired with 3D printed implants. When asked about the design rationale, the company's CEO Matthew Palmer stated, "Safety, efficiency, and price-points were at the center of the design process for the system. With implant technology becoming increasingly commoditized, we felt that we had an opportunity to bring a better solution to market that addressed the needs of the customer in outpatient centers by changing the business model instead of iterating on implant features. Traditional medical device firms are simply not meeting the needs of the outpatient centers with their bulky, reusable instrument sets and repeatedly reprocessed implants which get driven from place to place by sales reps. We provide surgery-ready solutions that come pre-sterilized and can be recycled at the end of the case."

With the OrthoFundamentals solution, instruments and implants are provided to the facilities in the OrthoPod™ smart storage system which reads RFID tags on all packages. This allows OrthoFundamentals and all assigned users the ability to track their inventory in real-time and be alerted to expiring product and par levels. It also allows for lot traceability from the raw powder of the additively manufactured implants along its journey into the patient. This level of quality control is still a rarity amongst most orthopedic implants where lot traceability gets lost once implants are placed into screw caddies – long before they ever enter a patient.

"Innovative companies, such as OrthoFundamentals, are working with us to focus on patient safety and help provide high value, cost-conscious care. We're pleased to be working with them to enhance SI Joint Fusions at the [Specialists' One-Day Surgery Center](#).

– Mike Humphrey, CEO, Syracuse Orthopedic Specialists

Dr. Randall Dryer of [Central Texas Spine Institute](#) in Austin, TX performed the first case using the Trellis platform. "Case delays from contaminated instruments, holes in wrappers, or missing items from trays are no longer a concern of mine. OrthoFundamentals has delivered a feature-rich implant and instrument package that directly addresses the needs of the surgeon customer, but also the outpatient centers where I choose to deliver care."

For more information on OrthoFundamentals and the Trellis platform visit www.OrthoFundamentals.com or email questions to info@orthofundamentals.com