

EOS imaging Announces First Bracing Facility Installation



EOS imaging, the pioneer in 2D/3D orthopedic medical imaging and associated solutions, has announced the installation of an EOS® imaging system at National Scoliosis Center, a Virginia-based scoliosis treatment clinic.

EOS installations have been installed solely in hospitals or imaging centers. The National Scoliosis Center's installation is the first of its kind. National Scoliosis Center provides on-site custom design and fabrication of scoliosis and kyphosis braces and offers Schroth scoliosis specific physical therapy for patients in the course of non-operative treatment of scoliosis.

EOS® will provide real-time solutions for National Scoliosis Center' adult and pediatric patients, who require frequent radiographs to monitor their curves and the effectiveness of treatment. Previously, patients would have imaging radiographs conducted in a hospital or outpatient center, before going to an orthotic company to be fitted for a brace.

With EOS®, National Scoliosis Center will be able to conduct radiographic imaging scans and create braces for patients all in one location. EOS®' accurate 3D measurement, including the 3D reconstruction of the ribcage for advanced brace computer assisted design (CAD), will assist orthotists in designing and fabricating better braces to effectively treat each patient's condition.

Additionally, scoliosis patients require regular imaging during the initial design and delivery of the brace and over their course of care that frequently lasts many years. EOS® ultra-low dose imaging enables National Scoliosis Center to safely scan the patients as many times as necessary with limited radiation exposure.

"In our continuing efforts to provide quality patient care, we are excited to offer EOS® imaging to our clients. We frequently brace each scoliosis patient multiple times over his or her course of treatment. By housing imaging capabilities on-site, we will be able to assist our patients more effectively and efficiently while providing maximum safety by lowering imaging dose exposure thanks to EOS' unique technology," said Luke Stikeleather, CEO, founder of National Scoliosis Center.

Marie Meynadier, CEO of EOS imaging, said, "National Scoliosis Center is our first U.S. customer to take advantage of EOS® to develop a one-stop solution for bracing treatment of scoliosis patients. With the addition of EOS® to their offering, scoliosis patients and their families gain a convenient, comprehensive and de-risked approach to treatment. National Scoliosis Center is a pioneer in full-service bracing and we expect this trend to develop both in the U.S. and abroad."

The EOS® system provides full-body stereo-radiographic images of patients in functional positions, in both 2D and 3D. EOS® exams require a radiation dose 50% to 85% less than Digital Radiology and 95% less than basic CT scans, as well as related software solutions. The new EOS® Micro Dose option, recently cleared by the Food and Drug Administration, allows a further drastic step towards the ALARA principle (As Low As Reasonably Achievable) by bringing pediatric spine follow up exams at a dose level equivalent to a week of natural background radiation on Earth.

Source and image credit: [EOS imaging](#)

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