

Patient Brochure

What Is EOS Imaging?

EOS can capture full-body images of patients in a standing position with an outstanding reduction in radiation dose – up to nine times less than a conventional X-ray* and 20 times less than CT**. What's more, EOS images provide remarkable detail enabling referring Doctors, Physiotherapists and Chiropractors to better diagnose and plan an effective course of treatment.

EOS is highly versatile and can be utilized on patients of all ages. However, it is especially helpful in any situation where patients want to limit their exposure to radiation and where long-length, weight-bearing images are needed.

Because EOS uses much less radiation than traditional x-ray or CT scans, it is particularly important for children with paediatric scoliosis, a condition involving a curvature of the spine, or other conditions that might require regular or repeated X-ray exams.

What Are the Benefits of EOS to Patients?

- EOS technology uses a low dose of radiation.
- EOS is quick. An entire body scan takes about 20 seconds for an adult and about 15 seconds for a child, and the images can be reviewed instantly.
- EOS provides extremely detailed, high-quality images that can improve a Doctor's ability to see, diagnose and treat orthopedic conditions more effectively.
- 3D full body scans provide Doctors and other health professionals with a more complete picture of the patient's skeleton for more accurate diagnosis and treatment planning



*S. Parent et al., "Diagnostic imaging of spinal deformities: Reducing patients radiation dose with a new slot-scanning x-ray imager" – Spine April 2010, 35 (9): 989.

**D. Folinais et al., "Lower Limb Torsional assessment: comparison EOS/CT Scan" – JFR 2011

PLEASE REMEMBER TO BRING YOUR MEDICARE CARD AND REFERRAL FOR YOUR APPOINTMENT

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