EOS IMAGING

HUNTER IMAGING GROUP

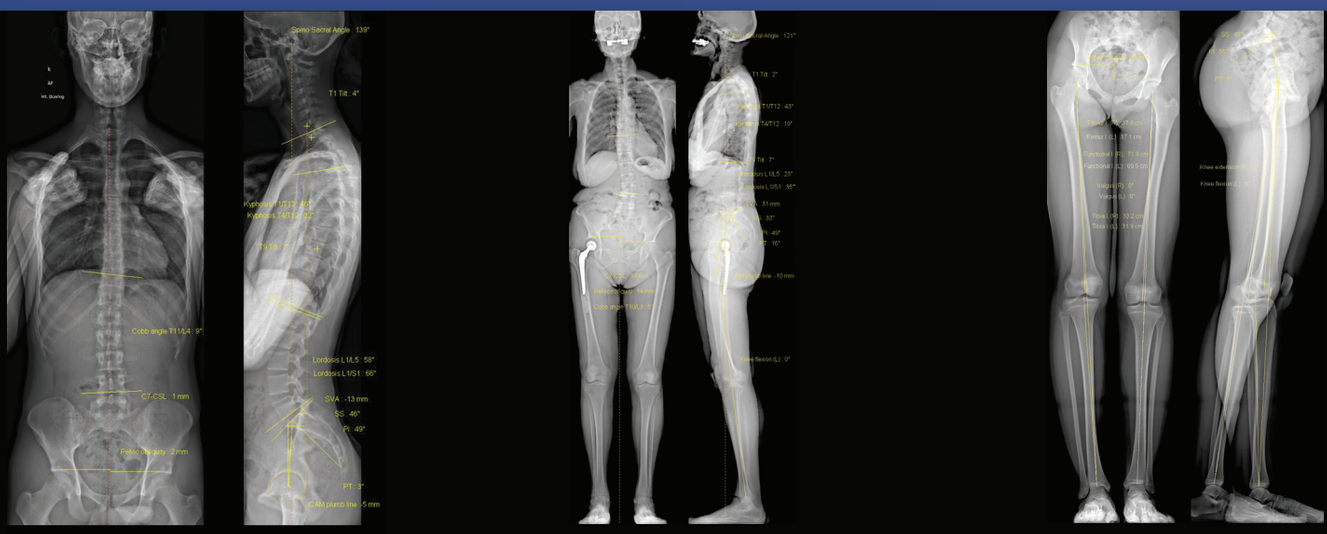
What is EOS Imaging?

EOS is an innovative imaging system that has evolved from Nobel-prize winning technology.

EOS can capture full-body images of patients in a standing position with an outstanding reduction in radiation dose — up to 9 times less than a conventional X-RAY* and 20 times less than CT**. 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 utilised on patients of all ages. Benefits of using EOS over general x-ray are seen when investigating scoliosis, musculoskeletal ailments and where long-length, weight-bearing images are required.
It is especially helpful in situations where patients want to limit their exposure to radiation.

Because EOS uses less radiation than traditional X-Ray or CT scans, it is particularly useful for children with paediatric scoliosis or other conditions that might require regular or repeated X-Ray exams.



- **EOS Full Spine**
- **EOS Full Spine + Lower Limbs**
- **EOS Pelvis + Lower Limbs**

Please indicate on your referral if you require sagittal balance.
When requesting EOS imaging please indicate which of the three above regions you require.

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Advantages of EOS Imaging

Full-body weight bearing X-Ray with simultaneous AP/PA and LAT views
BENEFIT no postural change and precision accuracy

One continuous long image with no stitching of films or vertical distortion
BENEFIT reduction of stiching artifacts and improves accuracy of measurements

Exceptional low radiation dose uses nine times less radiation than conventional x-ray*. The follow up micro dose feature further reduces radiation exposure by 45 times less than conventional x-ray ***
BENEFIT superior patient safety

Quick scan times. Approximately 20 seconds for an adult and 15 seconds for a child.
BENEFIT excellent patient compliance.

Assessment of sagittal balance thanks to whole body weight bearing images.
BENEFIT accuracy of measurements and comprehensive reporting.

New technology delivering high quality images, for better diagnosis and treatment planning.
BENEFIT greater access to local state of the art equipment, reducing travel to major capital cities.

3D weight bearing reconstructions with torsion, anteversion and rotational views. Useful for 3D modelling. Optional extra: additional costs involved.

**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*
**** EOS Micro Dose, "Only a week's worth of natural radiation for each spinal exam" - July 2016 R22-BrO-083-G-EN*

EOS will lead the way in future diagnostic imaging and consideration of clinical use should be given to the following;

1. Paediatric patients and adult patients with scoliosis
2. Patients who require multiple skeletal x-ray exams and therefore need to limit exposure to radiation.
3. Those with musculoskeletal ailments who benefit from obtaining natural standing weight bearing images.