

EOS Imaging System

An ultra low dose 2D/3D imaging system



What is EOS?

EOS is an ultra low-dose 2D/3D X-ray system which emits up to 90% less radiation than the conventional computed radiography system. It captures the whole body in a true size, high quality X-ray image in less than 20 seconds.

What are the unique advantages of EOS?

Low Dose – six to nine times less radiation

Particularly appropriate for children and adolescents, as well as patients who require their images to be taken frequently to monitor disease progression.

Faster Imaging – less than 20 seconds

Full or partial body, 3D image for an adult: Less than 20 seconds

Full or partial body, 3D image for a child: Less than 15 seconds

Who is suitable for EOS Imaging system?

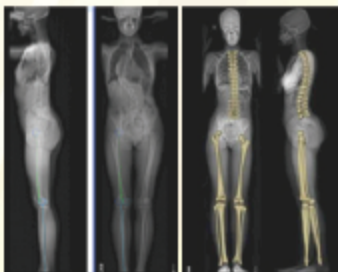
The EOS Imaging system is suitable for both adults and children. It is also appropriate for children and adolescents with paediatric scoliosis (a condition involving a curvature of the spine), or other conditions that might require regular or repeated X-ray exams.

How does EOS benefit the patient?

- ❖ The EOS slot scanner captures full body images in a single scan. True size images in 1:1 scale for accurate surgical planning measurement. Frontal and lateral images up to 175cm. It is the only system that enables physicians to evaluate the patient's balance posture in a natural upright position.
- ❖ The EOS system provides high-quality, radiographic images of the patient skeleton, while delivering a radiation dose up to nine times less than computed radiography X-ray and up to twenty times less than a computed tomography (CT) scan.



Frontal and Lateral X-ray images of a patient in a standing position.



EOS captures whole body images of a standing patient in a single scan without any stitching or vertical distortion.

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