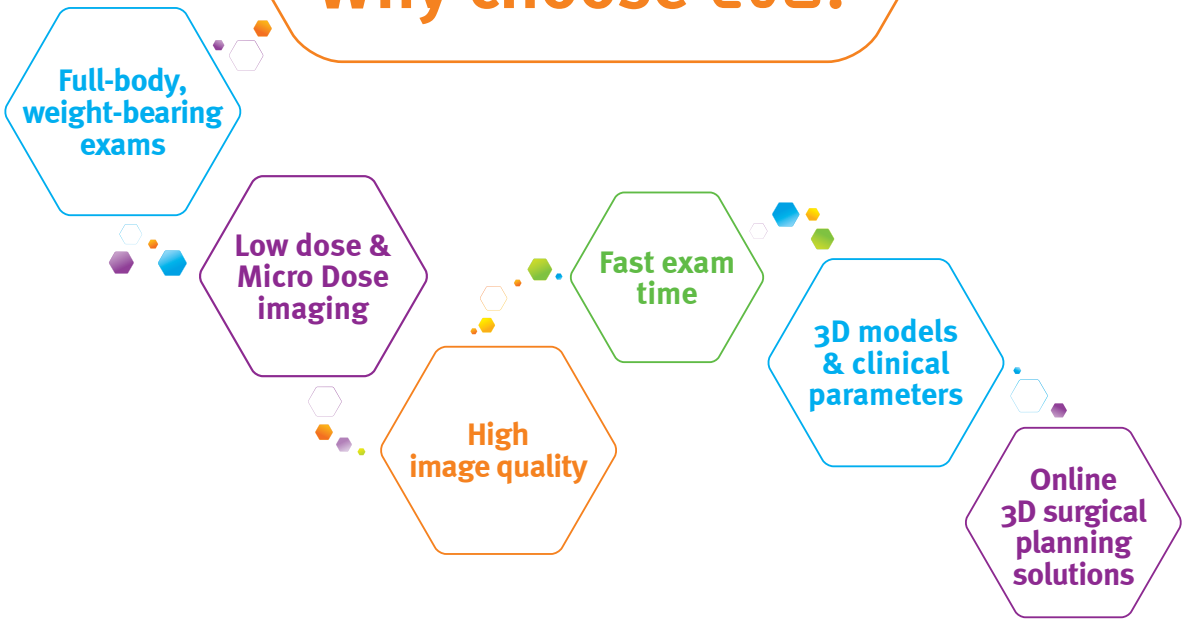
Why choose EOS?



About EOS imaging

EOS imaging is a med-tech company based in Paris, France that designs, develops and markets EOS, an innovative medical imaging system dedicated to orthopaedics and osteoarticular pathologies. A low dose or Micro Dose EOS exam provides full body, stereo-radiographic images in weight-bearing positions. The frontal and lateral images are acquired simultaneously in less than 20 seconds without magnification.

The accompanying sterEOS workstation enables you to create patient-specific 3D models, calculate over 100 clinical parameters automatically and generate customizable patient reports. EOS imaging also offers online 3DServices and EOSapps* cloud-based, 3D surgical planning software solutions. The EOS platform adds value throughout the patient care pathway and truly connects imaging to care.

Please read carefully the labeling provided with these devices.
Caution: US Federal law restricts these devices to sale by or on the order of a physician.
*Check with your local EOS imaging representative for availability in your region.

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EOS
Radiolucent Chair

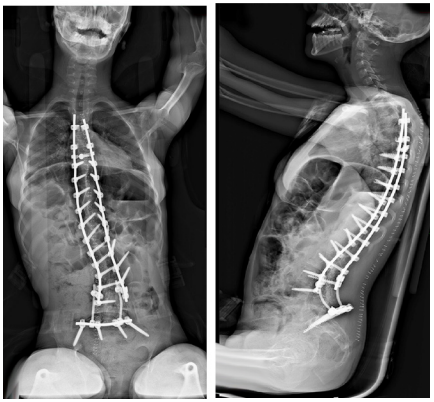
EOS imaging

CONNECTING IMAGING TO CARE

It can be difficult to image non-ambulatory patients whose conditions, such as neuromuscular scoliosis, may need to be monitored frequently. Thanks to the EOS radiolucent chair, these patients may still benefit from a low dose EOS exam! With the EOS chair, you can acquire frontal and lateral EOS images of your patient's spine and pelvis in their natural, seated position.

Once your patient is securely fastened in the chair, the wheels allow you to roll him or her smoothly into your EOS cabin. What's more important is that the resulting image quality is uncompromised due to the radiolucent materials.

From the biplanar images you can even create 3D models of your patient using the sterEOS workstation or EOS 3DServices. The resulting model is accompanied by over 100 automatically calculated 3D clinical parameters. This 3D information helps surgeons to make accurate diagnoses, plan their surgeries in 3D with EOSapps, assess the results of the intervention post-operatively and follow-up with their patients' over time.



*The EOS system combined with EOS chair was useful for assessing preoperative trunk collapse, pelvic obliquity and postoperative corrections in all planes. This specific device changed our daily practice for the assessment of spinal deformities in non-ambulatory patients.**

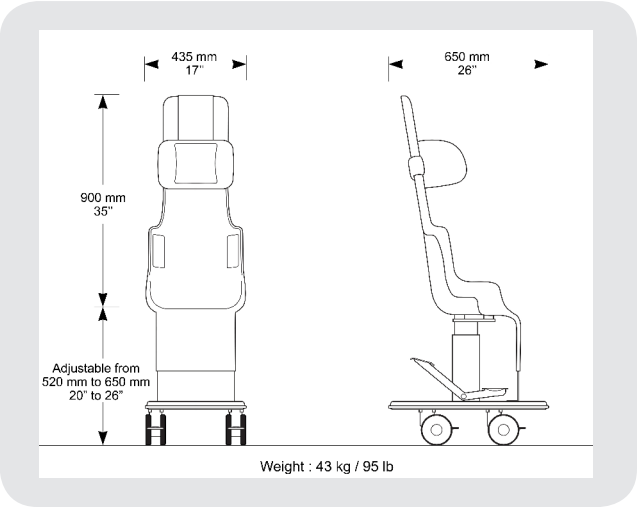
Pr. Raphaël Vialle, MD,
Department of Pediatric Orthopedic Surgery,
Armand-Trousseau Hospital, Paris, France.

*A radiolucent chair for sitting-posture radiographs in non-ambulatory children: use in biplanar digital slot-scanning.
Vialle R. et al. Pediatr Radiol. 2015

SPECIFICATIONS

Patient capacity

- Patient’s weight from 20kg to 100kg (45lb to 220lb)
- Patient’s height from 80cm to 165cm (30” to 65”)



Chair components

- Removable foams to fit patient morphology
- Chin strap
- Headrest
- Breast plate
- Pelvis strap
- Feet stabilization straps
- Disposable, protective covers
- 4 wheels with brakes

Materials

- Seat: ABS (Acrylonitrile Butadiene Styrene)
- Removable, washable covers