

EOS spinal and body imaging

What is EOS spinal and body imaging?

EOS scans are conducted on an innovative, ultra-low dose x-ray imaging system. This system scans patients while they are upright, and as a result, can provide important information related to natural, weight-bearing posture. It can also be used by specialists to evaluate spinal alignment and interactions between the spine and the rest of the musculoskeletal system, with a focus on the pelvis, hips, and lower limbs. Images from EOS scans are also useful for the monitoring of spinal alignment prior to and following spinal surgery, and to create individualised treatment plans for people with spinal and musculoskeletal disorders.

Do I need to prepare for my EOS scan?

No special preparation is required for an EOS scan. An EOS Scan does not require any special preparation. Metal objects like watches, keys, coins, and jewellery will need to be removed, as they will show up on the EOS scan and affect image quality. In some instances, you may be provided with a gown to wear, as some materials and prints may also show up on an EOS scan.

What happens during my EOS scan?

You will stand upright in the EOS booth for up to 20 seconds while the scan is performed. The EOS system uses two very fine x-ray beams that capture images of your body from the front and the side.

How long will my EOS scan take?

The EOS system images your entire spine in less than 20 seconds. This means your total procedure time, including set up, will take around five minutes. In comparison, traditional spinal x-rays can take up to 20 minutes.

What is the radiation dose?

The EOS system delivers a radiation dose 9 times lower than that of a normal x-ray.

How much will my EOS scan cost?

EOS scans at Qscan are bulk billed, provided all Medicare eligibility requirements have been met. For chiropractor referrals, Medicare only covers the cost of one full spine x-ray (including EOS scans) every 12-month period. A customer service team member will be able to advise you of any costs involved with your EOS scan.

When can I get my results?

Images obtained from your EOS scan are digitally recorded and stored. A subspecialty trained radiologist interprets the images and provides a report for your doctor within 24 hours. Reports and EOS images are also available electronically via the patient online app and web portal after your examination. If required, films will be available for collection or delivery to your referring practitioner. You will need a follow up appointment with your doctor to discuss the results of your EOS scan.