

EOS Ultra Low-dose 2D/3D Imaging System

EOS is a revolutionary imaging device that combines a Nobel Prize winning particle detector and an innovative linear scanning technique. With these 2 breakthroughs, EOS allows for whole body, frontal and lateral images to be acquired simultaneously with up to 90% less dose than CR system - without compromising image quality.

sterEOS is a workstation that enables 3D bone envelope modeling in a weight bearing position, making use of 2 biplane low dose X-ray images coming from EOS. Over 100 clinically relevant angle and length measurements are automatically calculated from the 3D.

The combination of whole body, low dose X-ray images and 3D weight bearing reconstructions with associated calculations gives various medical specialties, particularly orthopedics, access to new and more accurate information. This should lead to global postural analysis, enhanced therapy decision making, and improved patient outcomes.

For more information, visit www.eos-imaging.com [1].

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http://www.surgicalproductsmag.com/videos/2011/10/eos-ultra-low-dose-2d/3d-imaging-system?qt-digital_editions=0&qt-most_popular=0

Links:

[1] http://www.eos-imaging.com/en_US/homepage.html