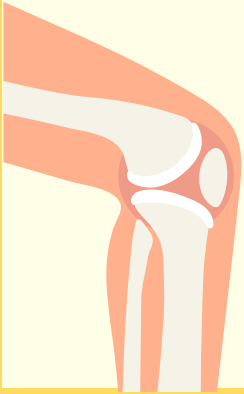


Generic justification

HIQA generically justifies a new practice for the evaluation and monitoring of orthopaedic conditions, including scoliosis.

What is it?

This practice uses a novel slot-scanning, biplanar, digital X-ray imaging system.

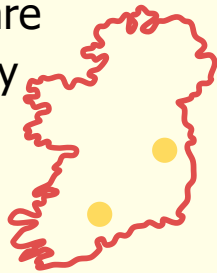


Why did we perform this review?

New practices involving patients' exposure to ionising radiation must be justified by the Health Information and Quality Authority (HIQA).

Where?

Currently, there are two of these X-ray systems installed in Ireland. These systems were made by EOS Imaging™



Scoliosis is a type of orthopaedic condition imaged using this new X-ray technology.

Scoliosis is an abnormal curvature of the spine and is usually diagnosed in childhood or adolescence. As patients might need regular X-rays to monitor their condition, it is important to minimise the radiation dose used.



Advantages

- low radiation dose
- 3D, weight-bearing images.

Decision

Available evidence indicates that these X-ray systems are a safe and effective way to take X-ray images for both children and adults with scoliosis and other orthopaedic conditions.

