About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world.

GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

Product may not be available in all countries and regions.
Full product technical specification is available upon request.
Contact a GE Healthcare Representative for more information.
Please visit www.gehealthcare.com/promotional-locations.

geheathcare.com

Helix™

Advanced Image Processing

Diagnostic imaging quality you need.
From the first X-ray image.

gehealthcare.com/helix

Helping you make the first image count

First impressions matter in diagnostic imaging. That's why GE Healthcare is committed to developing products that provide the clinical confidence our customers need from the first X-ray image.

Our goal is to take the guesswork and rework out of imaging, so practitioners can focus on the patient.

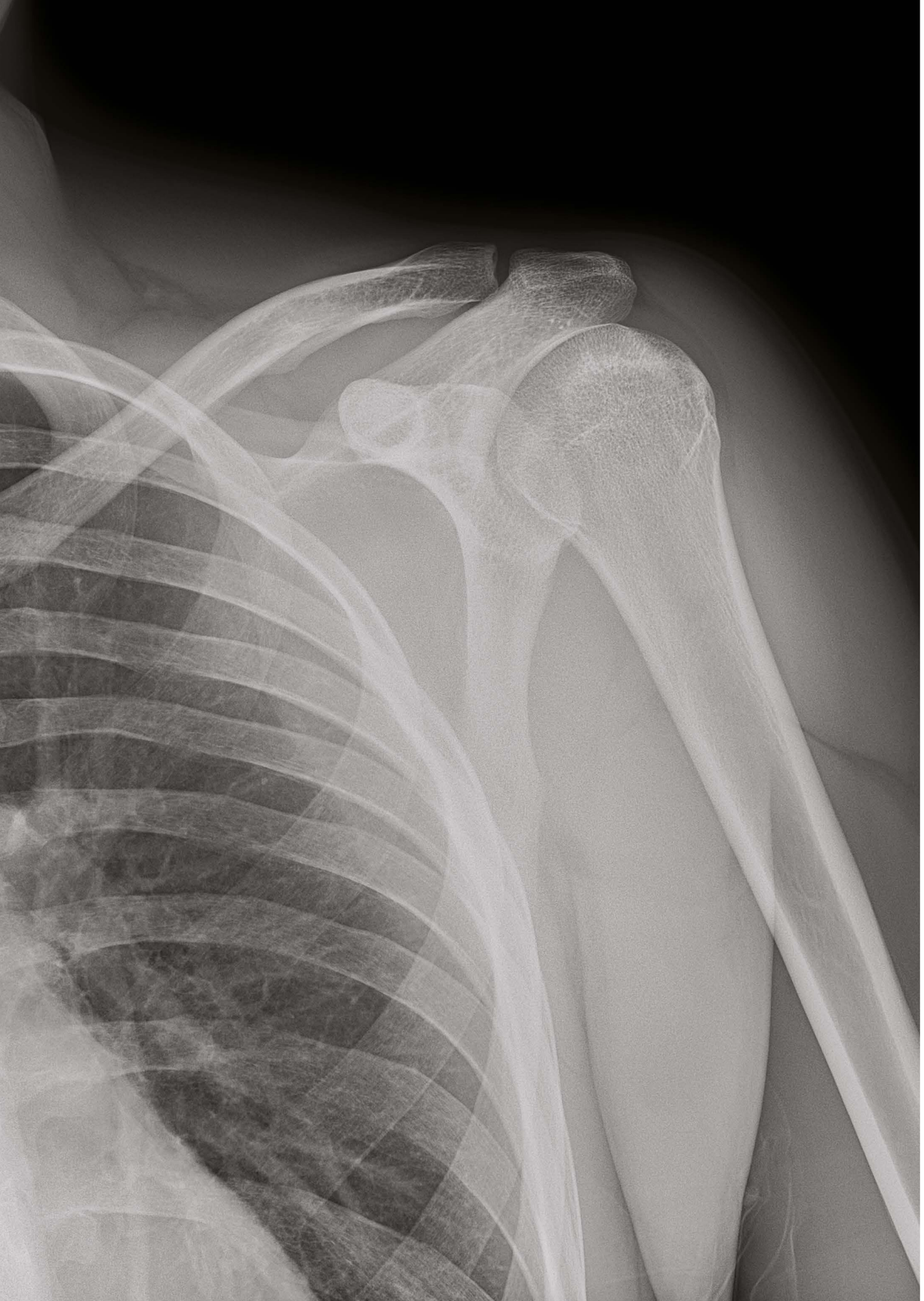
Helix™ Advanced Image Processing

A bright future for X-ray

We are reinventing X-ray to be the most intuitive and insightful imaging technology. And we are starting at the core, with Image Quality.

Helix™ is a revolutionary X-ray image processing platform that opens the door to amazing possibilities in X-ray imaging. Helix™ advanced image processing algorithms harness the full, high-resolution power of FlashPad HD detectors, to deliver exceptional image quality despite challenging exams conditions.

*Source: GE whitepaper: High resolution for improved visualization (DOC2045904)



Get the diagnostic clarity you need from that first X-ray

Helix™ Advanced Image Processing delivers sharp detail and consistent performance in X-ray, despite variations in exposure technique and challenging exam conditions.

Up to **40% increase** in detectability of fine structures*

Extraordinary anatomical detail at low dose in every X-ray image

Anatomy specific image enhancement for clear bone and soft tissue presentation across different anatomies

Consistent brightness and contrast across variations in dose, patient positioning and field of view

Excellent handling of metal implants

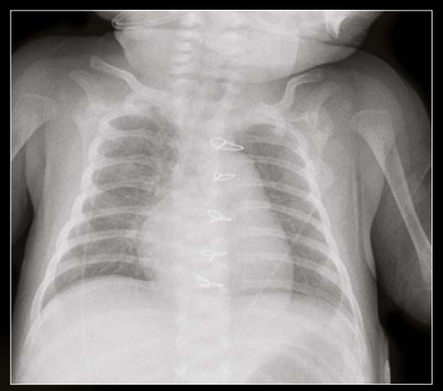
Focus on what matters most ... **your patient**

*Source: GE whitepaper:
High resolution for improved visualization (DOC2045904)

Don’t miss a thing

Extraordinary anatomical detail at low dose in every X-ray image.

Helix™ advanced image processing algorithms harness the full high-resolution power and exceptional dose efficiency of FlashPad HD detectors to deliver outstanding clarity and extraordinary anatomical detail where it matters most.



Acquired at 64 kVp/0.4 mAs.
Typical DR/CR technique 0-6 mo. AP Chest: 63kVp/1.6mAs**

“**A paediatric X-ray exposure chart”; Stephen P Knight; Journal of Medical Radiation Sciences, 2014

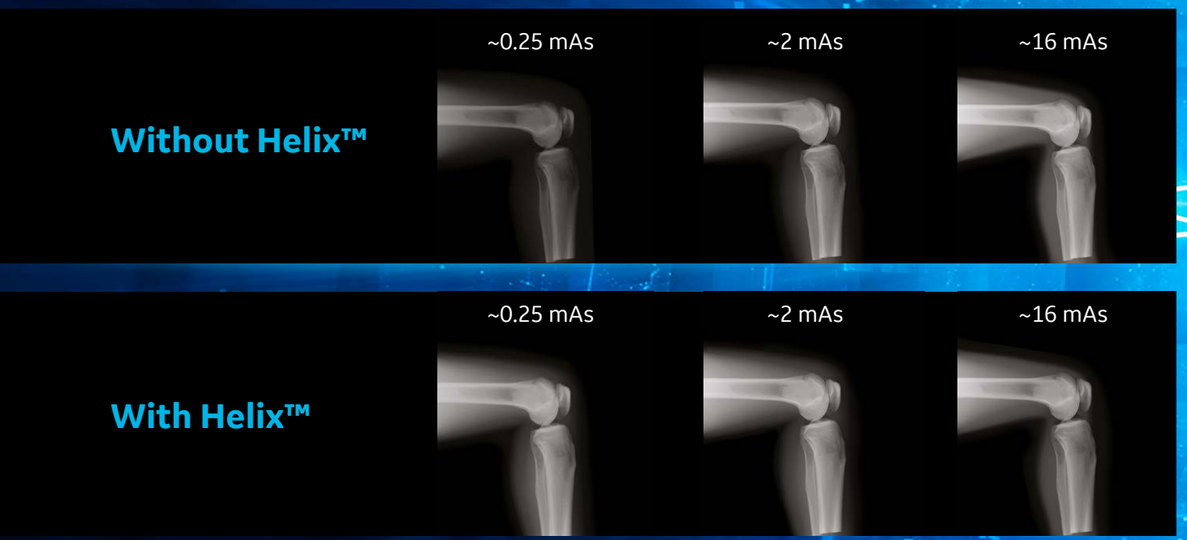
Up to **40% improvement** in detectability of fine structures*

The power of Helix™ advanced image processing coupled with FlashPad HD improves small detail detectability by up to 40%* thanks to ultra-high resolution and enhanced noise control.

*Source: GE whitepaper : High resolution for improved visualization (DOC2045904)

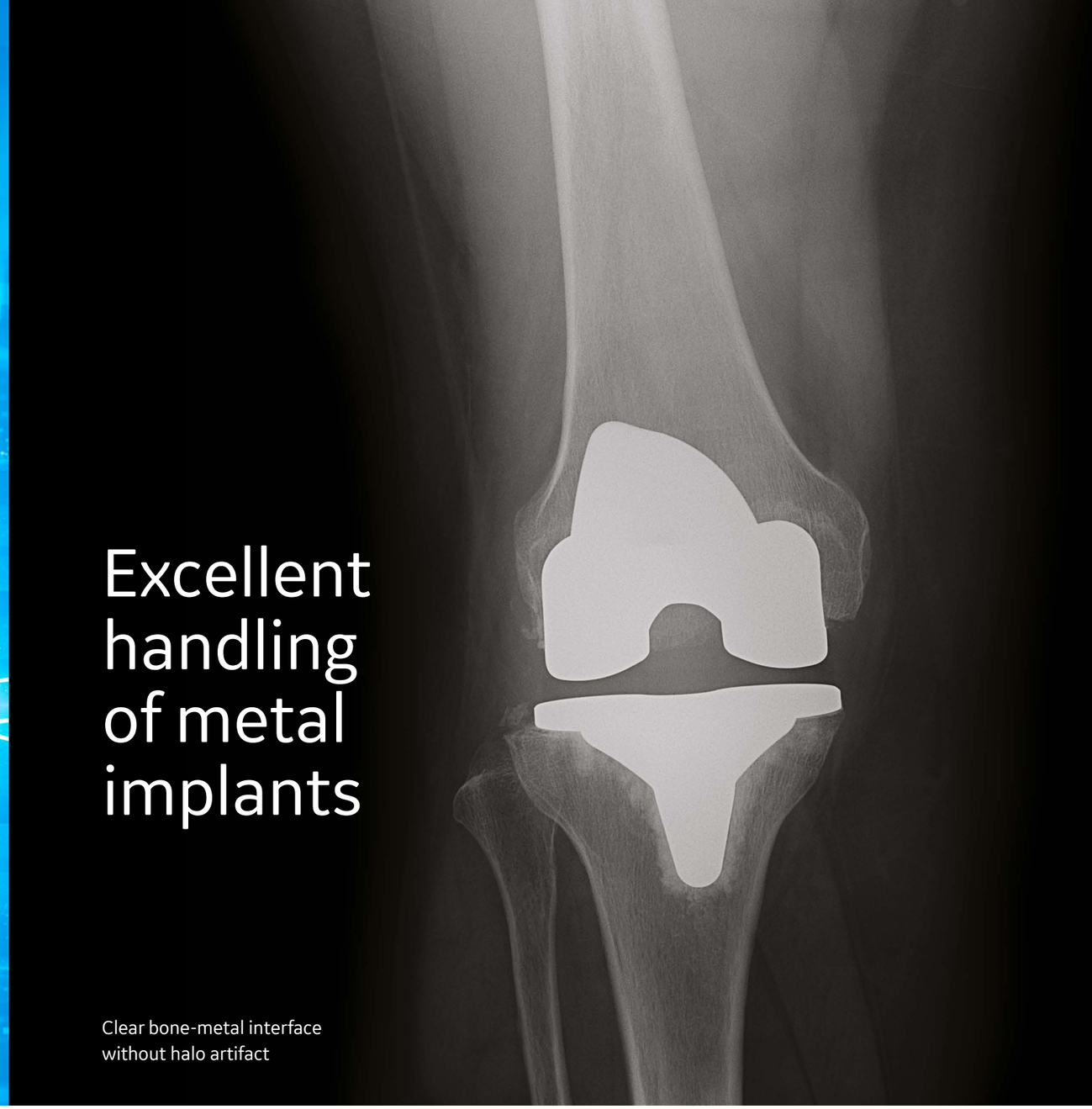
Anatomy specific image enhancement. Clear bone and soft tissue presentation across different anatomies and views.

Consistent performance and presentation despite challenging exam conditions



Helix™ delivers consistent brightness and contrast across variations in dose exposure with Smart Windowing and enhanced Contrast Restoration

Excellent handling of metal implants



Clear bone-metal interface without halo artifact

Consistent performance despite variations in collimation and patient positioning with Helix™

Intelligent collimator edge detection with outstanding accuracy in pediatric applications.