



# Signa HDx 3.0T MR Fact Sheet

THE SIGNA HDX 3.0T MR OFFERS COMPREHENSIVE CLINICAL CAPABILITIES AND A PLATFORM FOR THE FUTURE OF MRI APPLICATIONS – NOW IN HIGH DEFINITION.

## **Description and overview**

GE Healthcare's Signa HDx 3.0T MR system is one of the world's finest high-definition magnetic resonance systems.

## **Typical Signa HDx 3.0T MR system procedures:**

- Neurological/Brain Imaging
- Spine Studies
- Orthopedic – including elbow, wrist, hip, knee, foot and ankle
- Prostate
- Pelvis – Male and Female
- Abdominal
- Specialized vascular and cardiac applications
- Functional and spectroscopic imaging

## **Patient benefits**

- Patient comfort and easier exam positions – features generous 60-cm patient opening and full 45-cm field of view
- Reduced rescanning/redundant exams due to patient or organ motion
- Detachable table and dual-sided controls for efficiency and patient safety

## **Benefits of Signa HDx 3.0T MR systems**

- The highest clinical field strength available on the market today
- Double the field strength and signal of 1.5T MR systems – delivering higher resolution and the ability to see smaller structures
- The highest homogeneity and largest field of view of any compact 3.0T scanner, delivering enhanced clinical flexibility and easier, more comfortable patient positioning options
- Maximized signal-to-noise arms physicians with the exceptional speed necessary to image dynamic processes without compromises in image quality
- Alternative scanning techniques minimize artifacts in the most challenging studies

## **Benefits of High Definition (HD) capability in MR imaging**

- HD gradients deliver high fidelity and high image quality
- GE Healthcare's exclusive HD (high definition) coils are optimized for image quality for specific imaging areas and improved patient comfort during the exam