

Mobile 2007 Signa HDx 1.5T 16 Ch

System is under OEM service contract

GE 1.5T 16-Channel 23.0 HDxt Mobile MRI:

Signa HDxt 1.5T 16-Channel Mobile MRI
2007 OshKosh Coach
2007 CXK4 Magnet with Wide-Open Covers
Hi-Definition Dual-CPU's
Wide-screen LCD monitor
16-Channel receiver architecture

ScanTools Pak Standard 23.0 Software:

Fast Spin Echo based acquisitions:

Fast Spin Echo (FSE), Fast Spin Echo-XL (FSE-XL)
Fast Recovery Fast Spin Echo (FRFSE)
Single Shot Fast Spin Echo (SSFSE)
3D Fast Recovery Fast Spin Echo

Gradient Echo based acquisitions:

GRE, FGRE, SPGR, FSPGR
2D and 3D Dual Echo Gradient Echo
2D and 3D Time of Flight (TOF) MR Angiography
2D and 3D Phase Contrast MR Angiography
FastCINE
Diffusion EchoPlanar Imaging (EPI)
Interactive Vascular Imaging (IVI)
Multi-Projection Volume Reconstruction (MPVR)
FuncTool

Scantools 23.0 Advanced Software including:

Express Exam: Interface includes the Modality worklist, Protocol library, AutoStart, AutoVoice, and Linking

Modality Worklist: Provides an automated method of obtaining exam and protocol information for a patient directly from a DICOM Worklist

ProtoCopy: Enables a complete exam protocol to be shared with a click of a mouse

Workflow Manager: Can fully automate image Rx, acquisition, processing, visualization, and networking

AutoStart: Once the landmark has been set and tech leaves the room the first acquisition will be started

Image Fusion: Multiple images from separate acquisitions can be overlaid on one another

Connect Pro: Enables the DICOM worklist server class making it easy to query your HIS/RIS

Inhance 2.0 Suite (non-contrast MRA's) including:

Inhance Inflow IR with 3D FIESTA to acquire non-contrast images of arteries

Inhance 3D Velocity is designed to acquire non-contrast angio images in brain and renal arteries

Inhance 3D DeltaFlow is designed to acquire 3D non-contrast enhanced Peripheral Arterial Imaging

Inhance 2D Inflow is designed to acquire non-contrast images of arteries that follow almost a straight path

PROPELLER 3.0:

Revolutionary data collection technique that is insensitive to motion artifacts

ASSET Parallel Imaging (Array Spatial Sensitivity Encoding Technique):

Designed to reduce scan time, increase in-plane spatial resolution, or acquire more slices.

T1 FLAIR & T2 FLAIR:

Adds extraordinary contrast between white and gray matter in brain & spine imaging

BRAVO (BRAIn VOLUME Imaging):

IR-prepared 3D technique affords isotropic, whole brain-coverage with 1x1x1 mm resolution

Cardiac and Angiographic Functionality:

Double and Triple Inversion Recovery that enables black blood cardiac imaging

SmartPrep:

Detects the arrival of an injected contrast bolus

QuickStep:

QuickStep adds table-stepping capabilities to SmartPrep angiography for evaluation of the vascular tree

LAVA-Flex (Liver Acquisition with Volume Acceleration):

3D technique designed for liver imaging. Produces 3D image volumes extending from liver dome to pelvis in a single breath-hold

3D COSMIC:

3D imaging technique specifically tailored to C-Spine studies

3D FIESTA:

Produces high-resolution images of the internal auditory canal

3D FatSat FIESTA:

Designed for imaging of the coronary arteries

SPECIAL (Spectral Inversion at Lipids):

Technique for fat saturation in 3D FGRE pulse sequences

Fluoro Triggered MRA:

Allows the operator to manually trigger each acquisition, as soon as the desired level of vessel enhancement is seen. The result is an interactive approach to contrast enhanced MRA

eDWI (enhanced diffusion weighted imaging):

Provides high signal-to-noise-ratio diffusion images of the liver and brain

Auto-Calibrating Reconstruction (ARC):

Imaging technique that eliminates breath-hold mismatch errors

2D & 3D MERGE:

Produces high-resolution images of the C-Spine & L-Spine

BrainSTAT:

Generates parametric maps for neuro blood flow, blood volume, and mean transit time

CUBE:

Replaces slice-by-slice with one single volume scan

SWAN:

Helps clearly delineate small blood vessels, microbleeds, and large vascular structures in the brain. Also designed to visualize iron and calcium deposits

Coils included:

16-Channel Head/Neck/Spine Array – The 29 Element Coil Serves as a:

- High-Resolution Brain coil
- High-Resolution Neuro Vascular Array
- Multi-element Spine Array

12-Channel Body Array (Optimized for use with ASSET breath-hold Imaging)

8-Channel Knee Array

3-Channel Shoulder Array

Quad Extremity Foot/Ankle Coil

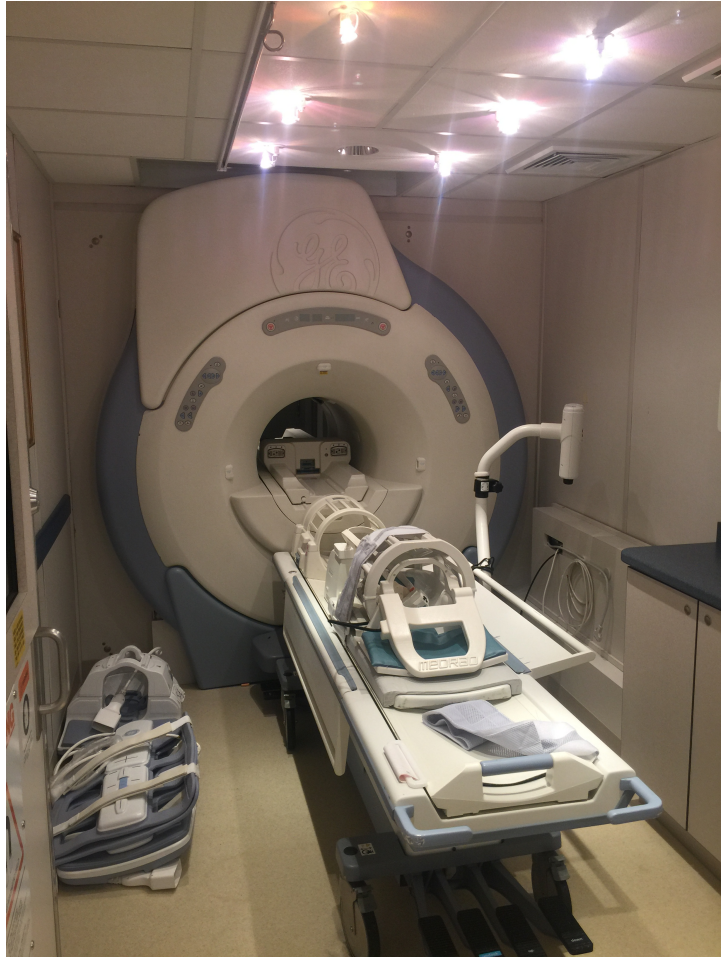
MedRad Neuro Vascular Array

CTL Spine Array

Dual Array GP Flex coils

MedRad Spectris Solaris EP injector





2007 OchKosh Coach

Trailer was DOT inspected in June 2019









