



Magnetic Resonance Imaging Conditions For INCRAFT™ AAA Stent Graft System

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The Magnetic Resonance Imaging (MRI) information below pertains to the INCRAFT™ Abdominal Aortic Aneurysm (AAA) Stent Graft System (referred as “INCRAFT System” herein).



Patients with an implanted INCRAFT System may be safely scanned under the MRI conditions listed below. Parameters not listed have no associated scanning restrictions. Adherence to these guidelines is necessary to ensure patient safety.

Name/identification of device Cordis	INCRAFT AAA Stent Graft System
Nominal values of static magnetic field (t)	1.5 T and 3.0 T
Maximum spatial field gradient (T/m) and (Gauss/cm)	25 T/m (2500 Gauss/cm)
RF excitation	Circularly polarized (CP)
RF transmit coil type	Whole body transmit coil
RF receive coil type	Any receive only coil may be used
Maximum whole-body SAR (W/kg)	4.0 W/kg
MR image artifact	The presence of this implant produces an image artifact extending 2 – 5 mm beyond the device, when imaged with a spin echo and gradient echo pulse sequence on a 3.0 T MRI system.
Non-clinical testing has demonstrated S.M.A.R.T. Stents are MRI Conditional.	

ADDITIONAL INFORMATION

Under the scan conditions defined above, non-clinical testing and simulation results indicated the INCRAFT Systems are expected to produce a maximum temperature rise less than 6 °C during 15 minutes of continuous scanning.¹ MRI at 1.5T or 3T may be performed immediately post-implantation.

We appreciate your interest in INCRAFT Systems. If you require additional information, please feel free to contact Cordis Medical Information Center at CordisMedInfo@Cordis.com.

References

1. Cordis 2021 Data on File.

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