

MRI SAFETY INFORMATION



The Triadyme[®]-C Cervical Total Disc Replacement is MR Conditional. A patient with the Triadyme[®]-C Cervical Total Disc Replacement implant may be safely scanned under the following conditions. Failure to follow these conditions may result in injury to the patient.

Parameter	Condition of Use/Information
Nominal Values of Static Magnetic Field (T)	1.5 Tesla or 3.0 Tesla
Maximum Spatial Field Gradient (T/m and gauss/cm)	100 T/m (10,000 Gauss/cm)
Type of RF Excitation	Circularly Polarized (CP) (i.e., Quadrature-Transmission)
Transmit RF Coil Information	There are no Transmit Coil restrictions. Accordingly, the following may be used: body transmit RF coil and all other RF coil combinations (i.e., body RF coil combined with any receive-only RF coil, transmit/receive head RF coil, transmit/receive Knee RF coil, etc.)
Operating Mode of MR system	Normal Operating Mode
Maximum Whole-Body Averaged SAR	2 W/kg (Normal Operating Mode)
Limits on Scan Duration	Whole-body averaged SAR of 2 W/kg for 60 minutes of continuous RF exposure (i.e., per pulse sequence or back-to-back sequences/series without breaks)
MR Image Artifact	The presence of this implant may produce an image artifact. Therefore, carefully select pulse sequence parameters if the implant is in the area of interest. The artifact may extent approximately 1.0 cm from the implant.