



**MR Safety Information**



MR conditional

Warning: A patient with a MegaGen dental implant family can be scanned safely in an MR system under the following conditions. Failure to follow these conditions may result in injury to the patient.

Name/Identification of device	MegaGen Dental Implant family	
Nominal value(s) of Static Magnetic Field[T]	≤ 3.0 T	
Maximum Spatial Field Gradient [T/m and gauss/cm]	Material: All except Stainless Steel 30 T/m (3,000gauss/cm)	Material: Stainless Steel 24 T/m (2,400gauss/cm)
RF Excitation	Circularly Polarized (CP)	
RF Transmit Coil Type	Whole body transmit coil	
Maximum Whole Body SAR [W/kg]	2.0 W/kg (note landmark restriction)	
Maximum Head SAR [W/kg]	Head imaging is not allowed (contraindicated)	
Landmark	The implant must be located at least 30 cm from the landmarked position (iso-center of the magnet) or outside the RF coil.	
Limits on Scan Duration	For the allowed landmarks a continuous scan or back to back scan duration of 1 hour.	
MR Image Artifact	The presence of this implant may produce an image artifact of 158mm.	
If information about a specific parameter is not included, there are no conditions associated with that parameter.		