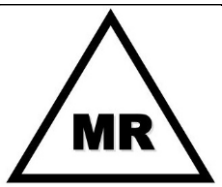

MR Conditional

Non-clinical testing, MRI simulations, and *in vivo* modeling demonstrated that every version of the **Orthodonture Product Family** is MR Conditional. A patient with the **Orthodonture Product Family** may be safely scanned under the following conditions. Failure to follow these conditions may result in injury to the patient.

Parameter	***Condition***
Nominal Values of Static Magnetic Field (T)	1.5-T or 3.0-T
Maximum Spatial Field Gradient (T/m and gauss/cm)	20-T/m (2,0000-gauss/cm)
Type of RF Excitation	Circularly Polarized (CP) (i.e., quadrature-transmission)
Transmit RF Coil Information	There are no transmit RF 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)
Maximum Head SAR	3.2-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 device produces an imaging artifact. Therefore, carefully select pulse sequence parameters if the device is located in the area of interest.