

Ruby[®] Coil MRI Information: MR Conditional

Non-clinical testing has demonstrated the Ruby[®] Coil is **MR Conditional**. It can be scanned safely under the following conditions:

- Static magnetic field of 1.5 Tesla or 3 Tesla
- Spatial gradient field of 2,500 Gauss/cm or less (extrapolated)
- Normal operating mode only with a whole body averaged specific absorption rate (WBA SAR) of less than 2.0 W/kg and a head averaged SAR of less than 3.2 W/kg for 15 minutes of continuous scanning with the transmit body coil or the transmit head coil
- Non-clinical testing, using measurement and electromagnetic in-vivo simulation analyses, was performed to assess the in-vivo heating of the Ruby Coil. The Ruby Coil produced an estimated in-vivo temperature rise $< 2.5^{\circ}\text{C}$ during 15 minutes of continuous MR scanning in the normal operating mode at a WBA SAR of 2.0 W/kg and a head averaged SAR of 3.2 W/kg. This temperature rise is conservative, as it does not include the cooling effects of blood flow.

Ruby[®] Coil MRI Information: See back of card for more information.

Patient's Name

Treating Physician

Phone Number

Hospital information

Date of treatment or other information

If you have any questions about MRI scans
or Ruby[®] Coil, contact your physician.

Penumbra 

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