



Global Quality Department

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Dear Customer,

This letter is in response to your question about Magnetic Resonance Imaging (MRI) procedures and implanted Medtronic devices.

To date, we have had no reports of adverse events when a patient with implanted Medtronic devices was exposed to MRI. The implants may be made of stainless steel, titanium alloy or commercially pure titanium. Titanium alloys and commercially pure titanium are essentially non-magnetic, but may cause visual artifacts on the MRI image. Studies have shown that securely fastened stainless steel can also be safely exposed to MRI, but may also cause artifacts. Therefore, we recommend that physicians and technicians be made aware of the location of Medtronic implants prior to MRI Imaging for the greatest accuracy of interpretation.

Please contact us if you have any other questions.

Sincerely,

Greg Anglin
Global Quality
Medtronic Spinal and Biologics