

MEMO

| To: To whom it may concern

| From: A. Spiegel

| Date: 05.07.2017 | Pages: 1

| Subject: **MRI Compatibility of Medartis Implants**

Medartis confirms that all metal we are using today for medical implants have non-ferromagnetic behavior. Magnetic behavior in general is a quite complex phenomenon and is well understood. Ferromagnetic material has a spontaneous magnetic moment. In metals, the crystalline structure of ferrite may result in ferromagnetic behavior.

Metals with an austenitic crystal structure such as implantable metal alloys CoCr and stainless steels have nonferromagnetic behavior as well as titanium alloys.

The following implants are made from cp-Ti or Ti6Al4V alloy and therefore have non-ferromagnetic behavior:

- All Medartis APTUS screws (e.g. A-51xx, A-52xx, A-53xx, A-54xx, A-55xx, A-56xx, A-57xx, A-58xx, A-59xx)
- All Medartis APTUS cannulated screws, CCS (A-578x, A-588x, A-821x, A-841x)
- All Medartis APTUS plates

Studies indicate that MRI procedures have minimal effects on most Medartis Orthopedic implant devices up to 3 Tesla.

Patients should note that there are several different manufacturers and generations of MRI equipment available, and Medartis cannot make claims regarding compatibility of Medartis implants with any specific MRI unit. It is recommended that the patient contact the surgeons or the manufacturer of the MRI devices to discuss the compatibility of Medartis implants with the MRI equipment before undergoing any test.

We remain at your disposal for any additional information you may require.

Medartis AG



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