

HumanOptics AG is a manufacturer of ophthalmic implants. In the following we would like to inform you about the impact of an MRI scan on the products of the HumanOptics AG.

For questions or further information, please contact our customer service at **+49 (0)9131 50 66 5-0** or **customerservice@humanoptics.com**.

INTRAOCULAR LENSES (IOL)

All intraocular lenses of HumanOptics AG with or without blue light filter (made from acrylic, silicone or PMMA) are MR compatible and show no temperature rise, image artifacts or movement during an MRI scan. All tests were performed at 7 tesla.

Excluded are the occlusive intraocular lenses MS 612 black and MS 714 PB black with black pigmented optic. MRI scans of these models can lead to movement of the IOL and irritation of the surrounding tissue as well as image artifacts in the area of the IOL. Therefore it is recommended that the patient sees the treating ophthalmologist after an MRI scan. All tests were performed at 7 tesla.

ARTIFICIAL IRIS

MRI scans can lead to movement of the iris prosthesis and irritation of the surrounding tissue as well as image artifacts in the area of the iris implant. Therefore it is recommended that the patient sees the treating ophthalmologist after an MRI scan. All tests were performed at 7 tesla.

MICROSIL DIAPHRAGM

The implant is MR compatible and shows no temperature rise, image artifacts or movement during an MRI scan. All tests were performed at 7 tesla.

CAPSULAR TENSION RING

All capsular tension rings of the HumanOptics AG are MR compatible and show no temperature rise, image artifacts or movement during an MRI scan. All tests were performed at 7 tesla.

KRUMEICH CORNEARING

The implant shows no significant temperature rise, image artifacts or movement during MRI scans up to 3 tesla.