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MR Information

Dear Medical Professional:

MedDev Corporation manufactures implants and external eyelid weight products for surgeons specializing in eyelid weight implantation. The implants are designed for permanent implantation in the patient's eyelid.

Examinations with magnetic resonance imaging (MRI) techniques are employed increasingly for all types of diagnostic purposes. Potential hazards that MR imaging may have as a result of the implant include magnetic field interactions, heating, induced electrical currents, and possible artifacts.

MRI safety information for MedDev eyelid closure products was developed using non-clinical testing and received marketing clearance by the FDA in August 2015. The following information provides guidance for physicians, radiologist and MRI technologist with patients <u>using only MedDev products</u> in the MR environment

The MR Labeling information is based on rationale and worst case analysis for every product family.

For further information please contact,

MedDev Corporation

Quality Assurance Manager



MRI Safety Information for MedDev Eyelid Weight Products

This MRI Safety Information was developed using non-clinical testing and received marketing clearance by the FDA in August 2015. This information is being provided as guidance for physicians, radiologists and MRI technologists with patients using only MedDev Eyelid Weight Products in the MR environment. The information is not intended for the patient. This information is applicable only to **MedDev** Eyelid Weight Products.

MRI Safety Information for Eyelid Weight Implants

MRI Safety Information applies to the product family MedDev *Contour*[™] and *ThinProfile* [™] Eyelid Weight Implants ranges listed below. Testing was completed using the largest weight, the 2.8 gram *Contour* [™] Eyelid Weight Implant, for a worst-case analysis.

Reference Number	Brand Name	Material
LL3006 - LL3028	Contour™	Gold
LL5006 – LL5028	Contour™	Platinum
LL4006 - LL4016	ThinProfile™	Gold
LL6006 - LL6018	ThinProfile™	Platinum



MR Conditional

MedDev's Gold *Contour*™ and *ThinProfile*™ Eyelid Weight Implants are MR Conditional.

Non-clinical testing demonstrated that the Gold Contour Eyelid Weight Implant (LL3028) is MR Conditional. A patient with this device can be scanned safely in an MR system immediately after placement under the following conditions:

- Static magnetic field of 3-Tesla or less
- Maximum spatial field gradient of 4,000 gauss/cm (40 T/m) (extrapolated) or less
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4-W/kg for 15 minutes of scanning (i.e., per pulse sequence) in the First Level Controlled Operating Mode of operation for the MR system
- Under the scan conditions defined about the Gold Contour Eyelid Weight Implant (LL3028) is expected to produce a maximum temperature rise of 3.4°C after 15-minutes of continuous scanning (i.e., per pulse sequence).

Artifact Information



In non-clinical testing, the image artifact caused by the Gold Contour Eyelid Weight Implant (LL3028) extends approximately 5-mm from this device when imaged using a gradient echo pulse sequence and a 3-Tesla MR system.



MR Conditional

MedDev's Platinum *Contour*™ and *ThinProfile*™ Eyelid Weight Implants are MR Conditional.

Non-clinical testing demonstrated that the Platinum Contour Eyelid Weight Implant (LL5028) is MR Conditional. A patient with this device can be scanned safely in an MR system immediately after placement under the following conditions:

- Static magnetic field of 3-Tesla or less
- Maximum spatial field gradient of 4,000 gauss/cm (40 T/m) (extrapolated) or less
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4-W/kg
 for 15 minutes of scanning (i.e., per pulse sequence) in the First Level Controlled Operating Mode
 of operation for the MR system
- Under the scan conditions defined about the Platinum Contour Eyelid Weight Implant (LL5028) is expected to produce a maximum temperature rise of 3.2°C after 15-minutes of continuous scanning (i.e., per pulse sequence).

Artifact Information

In non-clinical testing, the image artifact caused by the Platinum Contour Eyelid Weight Implant (LL5028) extends approximately 10-mm from this device when imaged using a gradient echo pulse sequence and a 3-Tesla MR system.

MRI Safety Information for External Eyelid Weight Products (non-implantable)

MRI Safety Information applies to the product family External Eyelid Weights listed below.

Reference Number	Description
TEW6006 - TEW6028	Blinkeze™ External Lid Weights
TEW7000 - TEW7004	Standard and Special Sizing Sets



MedDev's External Eyelid Weights are MR Unsafe. A patient cannot safely receive an MRI scan while using the External Lid Weight. Using an External Lid Weight during an MRI scan may result in patient injury. Please remove the External Lid Weight prior to



entering the MR environment. During the MRI scanning process, protect the eye from drying with suitable eye drops or other means recommended by patient's physician.

Removal of External Lid Weight:

To avoid pulling the eyelid skin when removing the External Lid Weight, hold the ends of the weight with both fingertips and gently lift the weight off the eyelid starting from one end of the weight. Reapply the External Lid Weight after the MRI procedure is completed and the patient has left the MR environment.



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Warranty and Limitation of Liability

MedDev Corporation represents that reasonable care was used in the development of the MRI Safety Information for MedDev Eyelid Weight Products. MedDev Corporation shall not be liable for any incidental or consequential loss, damage or expense directly or indirectly arising from the use of this MRI Safety Information.

MedDev Corporation neither assumes nor authorizes any other person to assume for it, any other or additional liability or responsibility in connection with this information.

MedDev Corporation assumes no responsibility for the management of the patient relative to the use of MRI. It is the sole responsibility of the radiologist and referring physician to manage the patient relative to the use of MRI.

MedDev Corporation provides this information on an "AS IS" basis. All warranties of any kind, expressed or implied, including but not limited to the IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, freedom from contamination by computer viruses and non-infringement of proprietary rights ARE DISCLAIMED.

MRI Safety Information

COMPLETE LIST OF PART NUMBERS

DESCRIPTION:

This MRI Safety Information was developed using non-clinical testing and received marketing clearance by the FDA in August 2015. This information is being provided as guidance for physicians, radiologists and MRI technologists with patients using only MedDev Eyelid Weight Products in the MR environment. The information is not intended for the patient. This information is applicable only to MedDev Eyelid Weight Products. The following is a complete list of the part numbers/reference numbers covered by MedDev MRI Safety Documents: (11-10834; 11-10591)

EYELID WEIGHT IMPLANTS

11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
Brand Name/Material	Reference Numbers	
Contour™ Gold	LL3006; LL3008; LL3010; LL3012; LL3014; LL3016; LL3018; LL3020; LL3022; LL3024; LL3026; LL3028	
Contour™ Platinum	LL5006; LL5008; LL5010; LL5012; LL5014; LL5016; LL5018; LL5020; LL5022; LL5024; LL5026; LL5028	
ThinProfile™ Gold	LL4006; LL4008; LL4010; LL4012; LL4014; LL4016	
ThinProfile™ Platinum	LL6006; LL6008; LL6010; LL6012; LL6014; LL6016; LL6018	

EXTERNAL EYELID WEIGHTS (NON-IMPLANTABLE)

Standard and Special Sizing Sets	TEW7000; TEW7004
Blinkeze® External Lid Weights (Light -0)	TEW6006-0; TEW6008-0; TEW6010-0; TEW6012-0; TEW6014-0; TEW6016-0; TEW6018-0; TEW6020-0; TEW6022-0; TEW6024-0; TEW6026-0; TEW6028-0
Blinkeze® External Lid Weights (Pink/Neutral -1)	TEW6006-1; TEW6008-1; TEW6010-1; TEW6012-1; TEW6014-1; TEW6016-1; TEW6018-1; TEW6020-1; TEW6022-1; TEW6024-1; TEW6026-1; TEW6028-1
Blinkeze® External Lid Weights (Tan -2)	TEW6006-2; TEW6008-2; TEW6010-2; TEW6012-2; TEW6014-2; TEW6016-2; TEW6018-2; TEW6020-2; TEW6022-2; TEW6024-2; TEW6026-2; TEW6028-2
Blinkeze® External Lid Weights (Medium Brown -3)	TEW6006-3; TEW6008-3; TEW6010-3; TEW6012-3; TEW6014-3; TEW6016-3; TEW6018-3; TEW6020-3; TEW6022-3; TEW6024-3; TEW6026-3; TEW6028-3
Blinkeze® External Lid Weights (Dark Brown -4)	TEW6006-4; TEW6008-4; TEW6010-4; TEW6012-4; TEW6014-4; TEW6016-4; TEW6018-4; TEW6020-4; TEW6022-4; TEW6024-4; TEW6026-4; TEW6028-4



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11-10845 Rev A



GOLD AND PLATINUM
EYELID WEIGHT IMPLANTS



Patient MRI Safety Information

MRI (magnetic resonance imaging)



MedDev

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 $Contour^{{\rm TM}}$ and $ThinProfile^{{\rm TM}}$ are trademarks of MedDev Corporation.

Fax

MRI PATIENT SAFETY INFORMATION

You may safely receive a Magnetic Resonance Imaging (MRI) scan only under certain specific conditions. Scanning using different conditions may cause an injury. If you need an MRI scan, inform your doctor and the staff at the MRI facility that you have an implant. Provide your implant card and the information below to the MRI facility staff before receiving an MRI scan.

If you have any questions concerning your MRI scan please discuss these with your doctor and MRI facility staff.

MRI Safety Information applies to the MedDev *Contour*™ and *ThinProfile*™ Eyelid Weight Implant product families in Gold and Platinum. Testing was completed using the largest Eyelid Weight Implants available, in Gold (LL3028) and Platinum (LL5028). Using these implants represents a worst-case analysis.



MR Conditional

MedDev Gold *Contour*™ and *ThinProfile*™ Eyelid Weight Implants are MR Conditional.

Non-clinical testing demonstrated that the *Gold Contour*™ Eyelid Weight Implant (LL3028) is MR Conditional. A patient with this device can be scanned safely in an MR system immediately after placement under the following conditions:

- Static magnetic field of 3-Tesla or less
- Maximum spatial field gradient of 4,000 gauss/cm (40 T/m)(extrapolated) or less
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4-W/kg for 15 minutes of scanning (i.e., per pulse sequence) in the First Level Controlled Operating Mode of operation for the MR system
- Under the scan conditions defined about the Gold Contour[™] Eyelid Weight Implant (LL3028) is expected to produce a maximum temperature rise of 3.4°C after 15-minutes of continuous scanning (i.e., per pulse sequence)

ARTIFACT INFORMATION

In non-clinical testing, the image artifact caused by the *Gold Contour*™ Eyelid Weight Implant (LL3028) extends approximately 5-mm from this device when imaged using a gradient echo pulse sequence and a 3-Tesla MR system.



MedDev Platinum Contour[™] and ThinProfile[™] Eyelid Weight Implants are MR Conditional.

Non-clinical testing demonstrated that the *Platinum Contour*™ Eyelid Weight Implant (LL5028) is MR Conditional. A patient with this device can be scanned safely in an MR system immediately after placement under the following conditions:

- Static magnetic field of 3-Tesla or less
- Maximum spatial field gradient of 4,000 gauss/cm (40 T/m)(extrapolated) or less
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 4-W/kg for 15 minutes of scanning (i.e., per pulse sequence) in the First Level Controlled Operating Mode of operation for the MR system
- Under the scan conditions defined about the Platinum Contour™ Eyelid Weight Implant (LL5028) is expected to produce a maximum temperature rise of 3.2°C after 15-minutes of continuous scanning (i.e., per pulse sequence)

ARTIFACT INFORMATION

In non-clinical testing, the image artifact caused by the *Platinum Contour*™ Eyelid Weight Implant (LL5028) extends approximately 10-mm from this device when imaged using a gradient echo pulse sequence and a 3-Tesla MR system.