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In response to your request for information, please review the following:

### **MRI COMPATIBILITY**

Coloplast's penile prostheses contain components fabricated from metals. The following three sections describe in detail the materials of construction and the evidence demonstrating that Coloplast's penile prostheses are MRI conditional.

#### **Malleable Penile Prosthesis**

Genesis, Acu-Form<sup>®</sup>, and Malleable penile prostheses are composed of silicone, a silver (99.97% pure) coil, and a polypropylene connector. In addition, the Acu-Form and Genesis contain a silver core (99.97% pure) and a polyurethane elastomer.

#### **Inflatable Penile Prosthesis**

Titan<sup>®</sup>, Alpha I<sup>®</sup>, Excel<sup>™</sup>, and Mark II<sup>®</sup> inflatable penile prostheses are composed of polyurethane, silicone, polysulfone, nylon and MP35N. The Titan and Alpha I devices also contain a small amount of glass fiber.

#### **Testing**

All Genesis, Acu-Form<sup>®</sup>, and Malleable penile prostheses are MRI conditional per testing commissioned by Coloplast and undertaken by F. Shellock in July 2007. All Titan, Alpha I, Excel, and Mark II materials are MRI conditional per testing commissioned by Coloplast and undertaken by F. Shellock in December, 2005. The testing resulted in both Malleable and Inflatable penile prostheses being verified as MRI conditional to:

- Static field of 3 Tesla or less
- Spatial gradient field of 720 gauss/cm or less
- Maximum whole body averaged specific absorption rate (SAR) of 3 W/kg for 15 minutes of MR scanning

In non-clinical testing, all the tested penile prostheses produced temperature rises of less than 0.5 °C at a maximum whole body average specific absorption rate (SAR) of 3 W/kg for 15 minutes of MR scanning in a 3 Tesla (Excite, Software G3.0-052B, General Electric Healthcare, Milwaukee, WI) MR scanner. MR image quality may be compromised if the area of interest is in the exact same area or relatively close to the position of the prosthesis. Therefore, it may be necessary to optimize MR imaging parameters for the presence of the penile implant.

### **LATEX CONTENT**

Coloplast's penile (malleable and inflatable) prostheses and testicular prostheses are fabricated from materials that do not contain latex. Additionally, latex gloves are not worn by employees that manufacture these products.

For further information, please contact the Coloplast Surgical Support department at 800-258-3476.

Sincerely,



David Elizondo  
Director of Global Research and Development  
Coloplast