

## MRI Clothing Guidelines

Any individual undergoing an MR procedure must remove all readily removable metallic personal belongings..., and clothing items which may contain metallic fasteners, hooks, zippers, loose metallic components or metallic threads. (pg 506 Kanal et al.)

It is vital that you remove metallic objects in advance of an MRI exam, including watches, jewelry, and items of clothing that have metallic threads or fasteners. (Shellock:

<http://www.mrisafety.com/SafetyInfo.asp?SafetyInfoID=244>)

### **Approved clothing materials:**

- Light clothing - pajamas or nightgowns (available at BMC)
- Loose fitting cotton or linen clothing

### **Clothing materials that are NOT recommended:**

- Any compression wear
- Tight fitting spandex clothing
- Clothing with unusual metal embellishments (standard zippers and rivets are usually ok)

### • **Prohibited clothing brands:**

- Athleta
- Columbia Omniheat
- Duluth Trading Co.
- Juzo USA
- Lululemon
- Tommy Copper

### **Reported MRI Incidents:**

- Lululemon incident <http://globalnews.ca/news/1452176/why-some-clothes-could-pose-a-safety-hazard-during-mri-exams/>
- From AJNR <http://www.ajnr.org/content/34/5/E47.full>
  - We report a case of a thermal burn that occurred during MR imaging likely caused by invisible silver-embedded microfibers in the fabric of an undershirt. As the prevalence of fabric containing non-detectable metallic microfiber increases in athletic and “tech” clothing, the importance of having patients change into safe facility-provided garments before MR imaging is emphasized.