

MRI can burn humans!

An otherwise very safe imaging technique rarely can cause thermal injury to the patient being scanned.

Ideal fabric of the attire during the scanning is pure cotton. Patient needs to be changed into gown.

A worthy point to note is that a few inner garments popular among sports persons, yoga practitioners have metallic (like silver) microfibrres and these are more likely to generate more local heat and cause burns.

Comfort fit clothing would be advisable rather than snug fits.

More likely to occur when scanning duration exceeds an hour.

Every patient needs to be closely monitored during the study and can be intermittently stopped whenever patient complaints of excessive sweating, heat unusual sensation.

Another predisposing factor is the contact of metallic objects (like key, coins) with skin during the scan. It is important to make sure that innerwear or gown used do not have any metallic objects (not even a safety pin!)

What do we need to remember?

1. Always change into hospital gown during an MRI examination.
2. Closely listen to (monitor) patients inside the MRI bore .
3. Be more mindful when the patient is a sports person or a yoga practitioner!