

MRI Solutions

MR CONDITIONAL. Putting Safety First



“ Missile effect or projectile injury from ferromagnetic objects being pulled into MRI scanners at rapid velocity, accounts for 10% of MRI injuries. ”



MRI CARTSMART

Healthcare Solutions Designed to **Protect People**

Due to the expensive and potentially dangerous de-activation of MRI magnetism, MRI scanners are constantly “on”, rendering a volatile environment for non-tested magnetic objects.

Records show that “missile effect” or “projectile” injury from ferromagnetic objects being pulled into MRI scanners at rapid velocity, accounts for 10% of MRI injuries. In isolated cases, such missiles have also been the cause of deaths.

Daniels Health MRI Cartsmart is the first trolley of its kind, MR Conditional with non-ferrous screws and castors, its non-magnetic construction has been designed exclusively for the MRI environment and is made for use with all Daniels Health Sharpsmart and Medismart containers.



DIMENSIONS: 34.1" (H) x 17.1" (W) x 17" (D)
PRODUCT CODE: 6005019001
MATERIAL: LLDPE plastic (Minor components aluminium, stainless steel and brass)



MR Conditional Design

All Daniels Health Sharpsmart and Medismart containers have been designed to MRI Conditional standards. Tested in MRI environments, the non-magnetic metal construction passes the non-ferromagnetic requirements for use in an MRI environment.

Metal components of Daniels' containers include:

- 4 x AISI 300 series stainless steel screws on rear of containers
- 2 x stainless steel springs on underside of safety tray
- 2 x stainless steel tray pins

Metal components of the Daniels MRI Cartsmart include:

- 5 x 300 series stainless steel screws
- 3 x aluminium nutserts
- 4 x springs and 8 x aluminium pins in castors

