

# Staxi MR

## MR Conditional Wheelchair



*A well-designed chair that meets all Joint Commission requirements. It is easy to maneuver, features a straightforward braking system, is fully wipeable for infection control, and positions easily next to the exam table. The team also appreciates the distinct teal color.*

- Director of Radiology







## MR Conditional Indications for Use

Non-clinical testing has demonstrated the Staxi Transport Chair Model MR010.11111 is **MR Conditional**. The patient can be safely transported into and out of the magnet room by a caretaker using an MR010.11111 Transport Chair, and the patient can be safely moved onto and off of the patient table of the MRI system under the following conditions:

- The MR010.11111 Transport Chair can be positioned at the end of the magnet bore for patient loading to and from the patient table of the MRI system.
- **Static magnetic field of 3.0 Tesla or less.**
- **Spatial gradient field of 3,000 Gauss/cm or less at the outermost end of the magnet bore.**

### RF Heating

RF heating of the MR010.11111 Transport Chair is not expected, but it is recommended that the Transport Chair be moved outside of the magnet room during MRI image scanning of the patient.

### Image Artifact

Image artifacts due to the MR010.11111 Transport Chair are not expected, but it is recommended that the Transport Chair be moved outside of the magnet room during MRI image scanning of the patient.

### Magnetic Displacement

The Staxi Transport Chair MR010.11111 was tested adjacent the end of the magnet bore of a Siemens Magnetom Skyra 3.0T Model 10432915 Software Version VA30A Serial # 45553, and also adjacent the end of the magnet bore of a Siemens 1.5T Model Avanto 07391167 version VB19, Serial # 25427 whole body scanner, with no magnetic displacement observed.

Negligible to no magnetic displacement or torque (easily countered by lightly holding the handle of the MR010.11111 Transport Chair between thumb and finger of the tester even with the brake “off”) was observed of the 33 kg Staxi Transport Chair Model MR010.11111 when the device (brake off) was on the floor < 2 cm from outermost end of the 3T magnet bore on the floor next to the patient table (where the spatial gradient field is specified to be 1100 gauss/cm). When the MR010.11111 Transport Chair was suspended off the floor by paracord ropes and centered in front of the 3.0T bore, the magnetic deflection was less than 2 degrees. This represents a horizontal magnetic displacement force less than 11.3 Newtons (~1.15 kg horizontal) which is slightly more than the static force of friction on the wheels of the Transport Chair MR010.11111 when on the floor. The MR010.11111 Transport Chair (brake on) did not move during patient loading onto or unloading from the patient bed of the MRI system.

### Magnetic Torque

No magnetic torque to align the MR010.11111 to the Z-direction of the static magnetic field was observed even with the Staxi Transport Chair Model MR010.11111 immediately adjacent outermost end of the magnet bore of the Siemens Magnetom Skyra 3.0T system. The MR010.11111 was also tested outside the end of the magnet bore of a Siemens 1.5T Model Avanto 07391167 version VB19, Serial # 25427 whole body scanner, with no magnetic torque observed.

# MR

## Inherited Excellence



- MR Conditional compliant
- 600 lbs occupant capacity
- Non folding frame - strong and hard to steal
- Highly maneuverable & stable platform
- Lifting armrests - for easy side entry
- Lifting footrest - for easy front entry
- Minimalist design for quick disinfecting & cleaning
- All plastic and painted surfaces are protected for life by embedded antimicrobial Alphasan®



Meets the acceptance criteria for MR Conditional to an MRI system having a magnetic field strength of up to 3.0 T and a magnetic field gradient of 3K Gauss/cm.

## Available accessories



Telescoping IV Pole



Security Pole



Non-retractable  
Seat Belt



Brand Your Chair

Easy to order with quick delivery guaranteed. We're at your service.



staxi.com

Contact Lori: 647.952.1082 or LoriS@staxi.com