

2015 Diamags Flash Installation with Hitachi Oasis in Bronx NY

New York City is home to one of the largest rapid transit systems in the world. This subway system can also create ghosting artifacts in MRI dicom studies. This summer, Itel was contacted by a customer looking to install a Hitachi Oasis in Bronx, New York. They were concerned about the random magnetic fields that were being created from a nearby train line and needed a Diamags Flash active magnetic compensator to correct the problem. The hospital had been previously

using a mobile MRI to scan their patients. The mobile scanner was parked in a lot, using the building as a shield from the magnetic fluctuations. Working with the contractor during the planning phase of new MRI, the coils for the Diamags Flash were laid before the magnet arrived. In October, Itel installed Diamags Flash hardware. Now the MR room is located inside the hospital and is able to scan continuously without any artifacts due to magnetic field fluctuations.



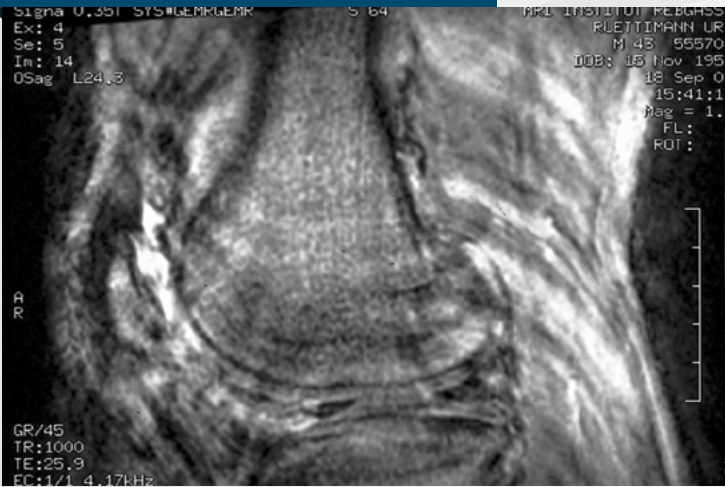
- Real time active compensation of random magnetic fields
- Active shielding against environmental AC/DC magnetic noise
- Compatible with all MRI systems
- All Digital
- Fiber Optic Technology
- Can be installed in new and existing MRI sites
- Self calibrating
- Remote control
- User friendly
- Maintenance free





THE COMPENSATOR HAS BEEN INSTALLED IN THE TECHNICAL ROOM

BEFORE COMPENSATION



AFTER COMPENSATION

