



Product Technical Information

Effective: August 8, 1994

Re: Magnetic Resonance Imaging (MRI) Compatibility

This document discusses compatibility of the Agee WristJack® System FIXATOR & BONE PIN with Magnetic Resonance Imaging equipment. The instrumentation is not left on the patient after installation and subsequently not part of this discussion.

Magnetic Attraction:

Note: The “L” shaped hex wrench which may be installed on the FIXATOR is magnetic and should be removed before the patient enters an MRI magnetic field. The other components of the installed WristJack System FIXATOR & BONE PINS are made of either non-magnetic or relatively non-magnetic materials. In testing completed by Hand Biomechanics Lab at Diagnostic Radiological Imaging Medical Group in Sacramento, these other materials were not attracted or affected by the magnetic field of a 1.5 Tesla MRI machine.

If the “L” shaped hex wrench is present on the device (sometimes it is not left in place after surgery), the short arm will be pushed into a hole on the distal end near the red printing. Remove it by simply twisting and pulling outward.

Image Distortion:

Potentially, images may be distorted by the device. The effect has not been evaluated, but it is very likely the magnetic field will be disrupted and nearby images distorted.

