

The Safety and Utility of MRI on Patients with Cardiac Implantable Electronic Devices (CIEDs)

Off-label MRIs on Patients with CIEDs



21.8% pacemaker dependent
22.7% for urgent indications
Most for brain and spinal conditions

Adverse events were rare



0.5% major adverse events
1.6% minor adverse events
No deaths or system revisions
No change in device parameters
after MRI or at 6 months

Majority of MRIs Change Care



98.4% interpretable
74.9% changed management
Majority provided new diagnosis

Strom et al. *HeartRhythm*. April 2017