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

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