

Table E1: MRI Scans in Patients with Abandoned Leads

#	Age	MRI Scan Region	MRI Date	Clinical Indication	Ordering Specialty	Manufacturer	Device Type	Total Leads	Pacing Dependent	Abandoned Leads	Abandoned Lead Type and Location	Reason for Abandoned Lead
1	58	T Spine	1/15/16	Neck Pain	Neurosurgery	SJM	ICD	2.5	N	0.5	RA pacing lead fragment	OHT
1	58	L-Spine	1/15/16	Neck Pain	Neurosurgery	SJM	ICD	2.5	N	0.5	RA pacing lead fragment	OHT
2	78	T Spine	8/25/16	Neck Pain	Cardiology	MDT	PPM	3.0	N	1.0	SVC coil	OHT
2	78	Head	8/29/16	Somnolence	Cardiology	MDT	PPM	3.0	N	1.0	SVC coil	OHT
2	78	Head	8/29/16	Somnolence	Cardiology	MDT	PPM	3.0	N	1.0	SVC coil	OHT
3	48	Head	11/10/16	Adenoma	Endocrinology	None	Explant	1.0	N	0.5	SVC coil	OHT
4	69	Head	12/22/16	Memory loss	HF/T-Plant	None	Explant	0.0	N	2.0	SVC coil fragment	OHT
5	34	Head	1/13/17	CVA	HF/T-Plant	Sorin	PPM	2.0	N	1.0	SVC coil and part of RV	OHT
6	61	Head	6/1/17	Memory loss/vision loss	HF/T-Plant	None	Explant	1.0	N	1.0	SVC coil and part of RV defibrillator lead	OHT
6	61	Other Ortho	10/19/17	Adhesive bursitis	Ortho	None	Explant	1.0	N	1.0	SVC coil and part of RV defibrillator lead	OHT
6	61	Other Ortho	12/8/17	pain	FamPract	None	Explant	1.0	N	1.0	defibrillator lead	OHT
6	62	C-Spine	6/14/18	Head pain/cervical radiculopathy	Ortho	None	Explant	1.0	N	1.0	SVC coil and part of RV defibrillator lead	OHT
6	62	Other Ortho	8/30/18	Left shoulder/neck	Cardiology	None	Explant	1.0	N	1.0	SVC coil and part of RV defibrillator lead	OHT
7	82	C-Spine	12/19/17	Neck Pain	Int-Med		Explant	1.0	N	1.0	RV pacing lead	Explanted generator
7	68	Cardiac	12/7/17	R/O Infiltrative process	HF/T-Plant	None	Explant	0.5	N	0.5	Retained RV epicardial pacing lead	OHT

8	94	Head	2/16/18	TIA	Neurology	MDT	PPM	4.0	N	2.0	RA and RV pacing lead	Retained defective lead
8	94	Head	2/17/18	TIA	Neurology	MDT	PPM	4.0	N	2.0	RA and RV pacing lead	Retained defective lead
8	94	C-Spine	2/18/18	TIA	Neurology	MDT	PPM	4.0	N	2.0	RA and RV pacing lead	Retained defective lead
9	74	Head	5/10/18	Upper extremity weakness	Neurology	None	Explant	3.0	N	3.0	RV lead, coil, and epicardial patch	Explanted generator
10	76	L-Spine	8/21/18	Lumbar radiculopathy	Neurosurgery	SJM	CRT-D	5.0	Y	2.0	RA and RV pacing lead	Contralateral implant
11	74	Cardiac	12/28/18	LV thrombus	Cardiology	MDT	CRT-D	4.0	Y	1.0	RV pacing lead	Device upgrade
12	83	Head	3/1/19	CVA	hospitalist	MDT	CRT-D	5.0	Y	2.0	RA and RV pacing lead	Contralateral implant
13	47	Other Ortho	4/30/19	Left knee pain	Ortho	MDT	PPM	4.0	N	2.0	Pacing leads	Device upgrade
14	56	L-Spine	4/30/19	Acute low back pain	Sports Med	MDT	CRT-D	4.0	Y	1.0	RV defibrillator lead	Retained defective lead
15	79	Cardiac	5/21/19	Preablation for atrial fib	Cardiology	MDT	CRT-D	4.0	Y	1.0	CS pacing lead	Retained defective lead

CS = coronary sinus, CVA = cerebrovascular accident, CRT-D = cardiac resynchronization therapy defibrillator, HF = heart failure, LV = left ventricle, MDT = Medtronic, OHT = orthotopic heart transplant, PPM = pacemaker, RA = right atrium, RV = right ventricle, SJM = Abbott/St. Jude Medical, SVC = superior vena cava, TIA = transient ischemic attack, T-Plant = transplant.