EP WIRE - Magnetic Resonance Imaging studies SurveyMonkey in Cardiac Implantable Electronic Device patients

1. In which country is your centre based? Response Count 53 answered question 53 skipped question 0

2. Is your institution :		
	Response Percent	Response Count
A university Hospital	71.7%	38
A private Hospital	13.2%	7
Other type of Hospital	15.1%	8
	answered question	53
	skipped question	0

3. Do you perform MRI in patients with implanted pacemakers that are not MRI compatible? Several answers are possible. Tick your owns.

	Response Percent	Response Count
No, never	47.4%	18
Yes with 0.5–1.5 T MRI, but not with 2.0–3.0 T MRI	31.6%	12
Yes, for abdominal/limb/head scans but not for thoracic scans	13.2%	5
Yes for patients with good intrinsic rates but not for pacemaker dependent patients	15.8%	6
Yes in urgent case when benefit of MRI scanning outweighs risk	36.8%	14
	answered question	38
	skipped question	15

4. Do you perform MRI in patients with implanted ICDs that are not MRI compatible? Several answers are possible. Tick your owns.

	Response Percent	Response Count
No, never	57.9%	22
Yes with 0.5–1.5 T MRI, but not with 2.0–3.0 T MRI	13.2%	5
Yes, for abdominal/limb/head scans but but not for thoracic scans,	10.5%	4
Yes for patients with good intrinsic rates but not for pacing dependent patients	7.9%	3
Yes in urgent case when benefit of MRI scanning outweighs risk	28.9%	11
	answered question	38
	skipped question	15

5. Do you perform MRI in patients with abandoned pacemaker/ICD leads? Several answers are possible. Tick your owns.

	Response Percent	Response Count
No, never	63.2%	24
Yes with 0.5–1.5 T MRI, but not with 2.0–3.0 T MRI	10.5%	4
Yes, for abdominal/limb/head scans but but not for thoracic scans,	5.3%	2
Yes for patients with good intrinsic rates but not for pacing dependent patients	7.9%	3
Yes in urgent case when benefit of MRI scanning outweighs risk	34.2%	13
	answered question	38
	skipped question	15

6. How many cardiac MRI scans are performed in you centre per year? Approximate number:

Response Count

38

answered question	38
skipped question	15

7. How many MRI scans were performed in your centre / for your CIED patients (approximate numbers)? Please indicate the number of cases in the boxes. (Example: 5 cases)

	Response Percent	Response Count
Pacemakers not certified for MRI scanning:	100.0%	38
Pacemakers certified for MRI scanning:	97.4%	37
ICDs not certified for MRI scanning:	100.0%	38
ICDs certified for MRI scanning:	97.4%	37
	answered question	38
	skipped question	15

8. Did you ever encounter problems after MRI scanning in patients with implanted CIEDs not certified for use with MRI? Several answers are allowed. Tick your owns.

	Response Percent	Response Count
No experience	52.8%	19
No, there were no problems in my experience	33.3%	12
Yes, there were transitory problems with sensing or pacing	8.3%	3
Yes, there were severe device problems requiring device replacement	8.3%	3
Yes, there were slight threshold elevations managed by device programming	11.1%	4
Yes, there were severe problems with leads requiring lead/system exchange	5.6%	2
Yes, there were some fatal cases	0.0%	0
	answered question	36
	skipped question	17

9. In your opinion, are there any "conventional" devices that are more MRI-safe than others?

	Response Percent	Response Count
No, all "conventional" devices seem equal in this sense to me	80.6%	29
Yes, and I prefer to implant some specific device models	19.4%	7
	answered question	36
	skipped question	17

10. Does you institution have any policy or protocol to perform MRI scanning in cases with "conventional" devices?

	Response Percent	Response Count
No, but we perform MRI in the case of need	19.4%	7
No, we just do not perform MRI in devices not certified for that	50.0%	18
Yes, there is a algorithm to perform MRI scans in "conventional" devices	30.6%	11
	answered question	36
	skipped question	17

11. Describe which problems you have encountered after MRI scanning in patients with implanted CIEDs certified for use with MRI? Several answers are allowed. Tick your owns.

	Response Percent	Response Count
No experience	55.6%	20
No, there were no problems in my experience	47.2%	17
Yes, there were transitory problems with pacing or sensing	2.8%	1
Yes, there were severe device problems requiring device replacement	0.0%	0
Yes, there were slight threshold elevations managed by device programming	0.0%	0
Yes, there were severe problems with leads requiring lead/system exchange	0.0%	0
Yes, there were some fatal cases	2.8%	1
	answered question	36
	skipped question	17

12. How many CIEDs (all types) were implanted in your centre during the first 6 months 2012 so far ? (primary implantation)

	Response Percent	Response Count
Pacemakers	100.0%	36
ICDs	100.0%	36
	answered question	36
	skipped question	17

13. How many MRI-certified CIEDs were implanted in your centre during the first 6 months 2012 so far?

	Response Percent	Response Count
Number of MRI-certified pacemakers:	100.0%	35
Number of MRI-certified ICDs:	100.0%	35
	answered question	35
	skipped question	18

14. Do the MRI-certified devices represent the major part (> 50 %) of devices inplanted at your institution ?

	Response Percent	Response Count
Yes	5.7%	2
No	94.3%	33
	answered question	35
	skipped question	18

15. Which of the following statements cover your opinion regarding the indication to implant MRI-compatible devices?

	Response Percent	Response Count
There is no indications for MRI compatible devices	8.8%	3
A present clinical condition which needs to be evaluated by MRI	73.5%	25
Indicated in all and should be implanted in all patients	20.6%	7
Older devices should be replaced with MRI-certified devices with leads extracted and replaced	2.9%	1
MRI-compatible leads can be implanted provisionally and the device replaced to MRI-compatible as necessary	20.6%	7
	answered question	34
	skipped question	19

16. Do you consider lead extraction a reasonable procedure in order to perform MRI in patients with PM or ICD that are not MRI-certified?

	Response Percent	Response Count
Yes	20.6%	7
No	79.4%	27
	answered question	34
	skipped question	19

17. In your opinion, what are obstacles to implant MRI-compatible CIEDs?

Rate From 1 (Least important) to 5 (Most important)

	1	2	3	4	
Price of the system is too high	18.2% (6)	9.1% (3)	21.2% (7)	15.2% (5)	36.4
Spectrum of available devices is too small to fit all clinical scenarios	21.9% (7)	25.0% (8)	21.9% (7)	21.9% (7)	9.4
There are some lead design peculiarities making implantation more difficult	20.0% (6)	30.0% (9)	26.7% (8)	20.0% (6)	3.3
I think that some time shall pass to say that use of these devices is justified and longevity is enough	16.1% (5)	32.3% (10)	12.9% (4)	29.0% (9)	9.7
				•	answered
					skipped

18. Are there any problems related to reimbursement of MRI-compatible devices in your centre?

	Response Percent	Response Count
Yes	47.1%	16
No	52.9%	18
	answered question	34
	skipped question	19

1	belgium	Aug 24, 2012 9:04 P
2	sweden	Aug 22, 2012 1:39 P
3	Lithuania	Aug 16, 2012 2:23 P
4	Lithuania	Aug 7, 2012 6:57 PI
5	portugal	Aug 6, 2012 12:14 P
6	Lithuania	Aug 6, 2012 6:25 A
7	Swizerland	Aug 6, 2012 6:19 A
8	SPAIN	Aug 5, 2012 1:02 A
9	UK	Aug 3, 2012 7:16 P
10	FRANCE	Aug 3, 2012 6:56 P
11	Iceland	Aug 3, 2012 5:41 P
12	The Netherlands	Aug 3, 2012 2:57 P
13	Germany	Aug 3, 2012 12:05 F
14	Armenia	Aug 3, 2012 9:43 A
15	scotland	Aug 3, 2012 9:38 A
16	UK	Aug 3, 2012 9:10 A
17	Poland	Aug 2, 2012 8:46 P
18	Italy	Aug 1, 2012 3:05 P
19	Germany	Jul 31, 2012 5:16 P
20	Italy	Jul 31, 2012 10:16 A
21	Italy	Jul 31, 2012 7:28 A
22	Italy	Jul 26, 2012 6:42 P
23	Romania	Jul 25, 2012 8:08 P
24	UK	Jul 25, 2012 7:58 P
25	Netherlands	Jul 25, 2012 7:06 P
26	Greece	Jul 23, 2012 11:29 A
27	Bulgaria	Jul 23, 2012 9:56 A
28	Georgia	Jul 23, 2012 9:16 A
29	Poland	Jul 23, 2012 7:33 A
30	Spain	Jul 23, 2012 5:45

Page 2	Q1. In which country is your centre based?	
31	Poland	Jul 22, 2012 10:02 PM
32	Denmark	Jul 22, 2012 8:49 PM
33	Estonia	Jul 22, 2012 5:30 PM
34	Germany	Jul 22, 2012 4:55 PM
35	germany	Jul 22, 2012 10:39 AM
36	italy	Jul 21, 2012 6:32 PM
37	Italy	Jul 21, 2012 6:56 AM
38	Sweden	Jul 21, 2012 6:41 AM
39	Spain	Jul 20, 2012 10:15 PM
40	Poland	Jul 20, 2012 9:47 PM
41	Queen Elizabeth Hospital	Jul 20, 2012 9:27 PM
42	Greece	Jul 20, 2012 8:09 PM
43	Italy	Jul 20, 2012 8:04 PM
44	Poland	Jul 20, 2012 5:47 PM
45	Poland	Jul 20, 2012 5:31 PM
46	Austria	Jul 20, 2012 5:31 PM
47	France	Jul 20, 2012 5:22 PM
48	United Kingdom	Jul 20, 2012 5:19 PM
49	ITALY	Jul 20, 2012 5:02 PM
50	France	Jul 20, 2012 10:49 AM
51	Lithuania	Jul 19, 2012 10:04 PM
52	Denmark	Jul 19, 2012 3:42 PM
53	Greece	Jul 17, 2012 4:52 PM

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	Q6. How many cardiac MRI scans are performed in you centre per year? imate number:	
30	300	Jul 20, 2012 8:11 PM
31	100	Jul 20, 2012 8:08 PM
32	Seceral	Jul 20, 2012 5:50 PM
33	200	Jul 20, 2012 5:33 PM
34	100	Jul 20, 2012 5:23 PM
35	via other centres 400	Jul 20, 2012 5:20 PM
36	450	Jul 20, 2012 5:04 PM
37	3	Jul 19, 2012 3:43 PM
38	100	Jul 17, 2012 4:52 PM

Page 3, Q7. How many MRI scans were performed in your centre / for your CIED patients (approximate numbers)? Please indicate the number of cases in the boxes. (Example: 5 cases)

1 0 2 0 3 0 4 0		Aug 24, 2012 9:05 PM Aug 22, 2012 1:41 PM
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Page 3, Q7. How many MRI scans were performed in your centre / for your CIED patients (approximate numbers)? Please indicate the number of cases in the boxes. (Example: 5 cases) Jul 20, 2012 9:28 PM Jul 20, 2012 8:11 PM Jul 20, 2012 8:08 PM ? Jul 20, 2012 5:50 PM Jul 20, 2012 5:33 PM Jul 20, 2012 5:23 PM Jul 20, 2012 5:20 PM Jul 20, 2012 5:04 PM Jul 19, 2012 3:43 PM Jul 17, 2012 4:52 PM Pacemakers certified for MRI scanning: Aug 24, 2012 9:05 PM Aug 22, 2012 1:41 PM Aug 16, 2012 2:24 PM Aug 6, 2012 12:15 PM Aug 6, 2012 6:27 AM Aug 6, 2012 6:20 AM Aug 5, 2012 1:04 AM Aug 3, 2012 5:41 PM Aug 3, 2012 3:01 PM Aug 3, 2012 12:07 PM Aug 3, 2012 9:39 AM Aug 3, 2012 9:10 AM Aug 1, 2012 3:07 PM Jul 31, 2012 5:18 PM Jul 31, 2012 11:07 AM Jul 25, 2012 8:10 PM Jul 25, 2012 7:08 PM Jul 23, 2012 11:31 AM

number	Q7. How many MRI scans were performed in your centre / for your CIED s)? Please indicate the number of cases in the boxes. le: 5 cases)	D patients (approximate
20	0	Jul 23, 2012 9:59 AM
21	0	Jul 23, 2012 9:23 AM
22	0	Jul 23, 2012 7:35 AM
23	0	Jul 22, 2012 8:52 PM
24	2	Jul 22, 2012 5:00 PM
25	20	Jul 22, 2012 10:41 AM
26	6	Jul 21, 2012 6:35 PM
27	2	Jul 21, 2012 6:57 AM
28	2	Jul 20, 2012 10:18 PM
29	1	Jul 20, 2012 9:28 PM
30	0	Jul 20, 2012 8:11 PM
31	0	Jul 20, 2012 8:08 PM
32	>	Jul 20, 2012 5:50 PM
33	0	Jul 20, 2012 5:33 PM
34	3	Jul 20, 2012 5:23 PM
35	1	Jul 20, 2012 5:20 PM
36	1	Jul 20, 2012 5:04 PM
37	1	Jul 19, 2012 3:43 PM
38	0	Jul 17, 2012 4:52 PM
	ICDs not certified for MRI scanning:	
1	0	Aug 24, 2012 9:05 PM
2	0	Aug 22, 2012 1:41 PM
3	0	Aug 16, 2012 2:24 PM
4	0	Aug 6, 2012 12:15 PM
5	0	Aug 6, 2012 6:27 AM
6	0	Aug 6, 2012 6:20 AM
7	2	Aug 5, 2012 1:04 AM
8	0	Aug 3, 2012 5:41 PM
9	1	Aug 3, 2012 3:01 PM

numbers)? Please indicate the number of cases in the boxes. (Example: 5 cases) Aug 3, 2012 12:07 PM Aug 3, 2012 9:44 AM + Aug 3, 2012 9:39 AM Aug 3, 2012 9:10 AM Aug 1, 2012 3:07 PM Jul 31, 2012 5:18 PM Jul 31, 2012 11:07 AM Jul 25, 2012 8:10 PM Jul 25, 2012 7:08 PM Jul 23, 2012 11:31 AM Jul 23, 2012 9:59 AM Jul 23, 2012 9:23 AM Jul 23, 2012 7:35 AM Jul 22, 2012 8:52 PM Jul 22, 2012 5:00 PM Jul 22, 2012 10:41 AM Jul 21, 2012 6:35 PM Jul 21, 2012 6:57 AM Jul 20, 2012 10:18 PM Jul 20, 2012 9:28 PM Jul 20, 2012 8:11 PM Jul 20, 2012 8:08 PM ? Jul 20, 2012 5:50 PM Jul 20, 2012 5:33 PM Jul 20, 2012 5:23 PM Jul 20, 2012 5:20 PM Jul 20, 2012 5:04 PM Jul 19, 2012 3:43 PM Jul 17, 2012 4:52 PM

Page 3, Q7. How many MRI scans were performed in your centre / for your CIED patients (approximate

Page 3, Q7. How many MRI scans were performed in your centre / for your CIED patients (approximate numbers)? Please indicate the number of cases in the boxes. (Example: 5 cases)

	0	Aug 24, 2012 9:05 PM
2	0	
	· ·	Aug 22, 2012 1:41 PM
3	0	Aug 16, 2012 2:24 PM
4	0	Aug 6, 2012 12:15 PM
5	0	Aug 6, 2012 6:27 AM
6	0	Aug 6, 2012 6:20 AM
7	0	Aug 5, 2012 1:04 AM
8	3	Aug 3, 2012 5:41 PM
9	0	Aug 3, 2012 3:01 PM
10	0	Aug 3, 2012 12:07 PM
12	0	Aug 3, 2012 9:39 AM
13	0	Aug 3, 2012 9:10 AM
14	1	Aug 1, 2012 3:07 PM
15	0	Jul 31, 2012 5:18 PM
16	1	Jul 31, 2012 11:07 AM
17	0	Jul 25, 2012 8:10 PM
18	10	Jul 25, 2012 7:08 PM
19	0	Jul 23, 2012 11:31 AM
20	0	Jul 23, 2012 9:59 AM
21	0	Jul 23, 2012 9:23 AM
22	0	Jul 23, 2012 7:35 AM
23	0	Jul 22, 2012 8:52 PM
24	0	Jul 22, 2012 5:00 PM
25	5	Jul 22, 2012 10:41 AM
26	2	Jul 21, 2012 6:35 PM
27	0	Jul 21, 2012 6:57 AM
28	0	Jul 20, 2012 10:18 PM
29	0	Jul 20, 2012 9:28 PM

Page 3, Q7. How many MRI scans were performed in your centre / for your CIED patients (approximate numbers)? Please indicate the number of cases in the boxes. (Example: 5 cases)		
30	0	Jul 20, 2012 8:11 PM
31	0	Jul 20, 2012 8:08 PM
32	?	Jul 20, 2012 5:50 PM
33	0	Jul 20, 2012 5:33 PM
34	2	Jul 20, 2012 5:23 PM
35	0	Jul 20, 2012 5:20 PM
36	1	Jul 20, 2012 5:04 PM
37	1	Jul 19, 2012 3:43 PM
38	0	Jul 17, 2012 4:52 PM

Page 4, Q12. How many CIEDs (all types) were implanted in your centre during the first 6 months 2012 so far ? (primary implantation)

	Pacemakers	
1	200	Aug 24, 2012 9:07 PM
2	150	Aug 22, 2012 1:43 PM
3	450	Aug 16, 2012 2:26 PM
4	350	Aug 6, 2012 12:17 PM
5	450	Aug 6, 2012 6:28 AM
6	160	Aug 6, 2012 6:24 AM
7	50	Aug 5, 2012 1:06 AM
8	120	Aug 3, 2012 5:43 PM
9	140	Aug 3, 2012 3:03 PM
10	20	Aug 3, 2012 12:09 PM
11	39	Aug 3, 2012 9:46 AM
12	150	Aug 3, 2012 9:40 AM
13	250	Aug 3, 2012 9:12 AM
14	115	Aug 1, 2012 3:09 PM
15	160	Jul 31, 2012 5:18 PM
16	125	Jul 31, 2012 11:06 AM
17	1	Jul 25, 2012 8:11 PM
18	50	Jul 25, 2012 7:09 PM
19	90	Jul 23, 2012 11:32 AM
20	269	Jul 23, 2012 10:12 AM
21	42	Jul 23, 2012 9:29 AM
22	400	Jul 23, 2012 7:37 AM
23	75	Jul 22, 2012 8:56 PM
24	100	Jul 22, 2012 5:03 PM
25	50	Jul 22, 2012 10:43 AM
26	120	Jul 21, 2012 6:58 AM
27	90	Jul 20, 2012 10:35 PM
28	300	Jul 20, 2012 9:30 PM

29 170 Jul 20, 2012 8:13 PM 30 100 Jul 20, 2012 8:09 PM 31 300 Jul 20, 2012 5:34 PM 32 300 Jul 20, 2012 5:26 PM 33 150 Jul 20, 2012 5:26 PM 34 150 Jul 19, 2012 3:43 PM 35 1 Jul 19, 2012 3:43 PM 36 90 Jul 17, 2012 4:57 PM ICDs 1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 4 50 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 1:2:17 PM 5 50 Aug 6, 2012 1:2:17 PM 6 50 Aug 6, 2012 1:2:17 PM 7 25 Aug 6, 2012 1:2:17 PM 8 20 Aug 3, 2012 1:0:04 AM 8 20 Aug 3, 2012 1:0:04 PM 9 70 Aug 3, 2012 1:0:04 PM 10 5 Aug 3, 2012 1:0:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:40		Q12. How many CIEDs ary implantation)	(all types) were implanted in your centre during the first 6 months 2012 so far
31 300 Jul 20, 2012 5:34 PM 32 300 Jul 20, 2012 5:26 PM 33 150 Jul 20, 2012 5:06 PM 34 150 Jul 20, 2012 5:06 PM 35 1 Jul 19, 2012 3:43 PM 36 90 Jul 17, 2012 4:57 PM ICDs 1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 6:28 AM 6 50 Aug 6, 2012 6:24 AM 7 25 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 9:46 AM 11 2 Aug 3, 2012 9:40 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 50 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 5:102 8:11 PM	29	170	Jul 20, 2012 8:13 PM
32 300 Jul 20, 2012 5:26 PM 33 150 Jul 20, 2012 5:26 PM 34 150 Jul 20, 2012 5:06 PM 35 1 Jul 19, 2012 3:43 PM 36 90 Jul 17, 2012 4:57 PM ***CODS** 1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 12:17 PM 6 50 Aug 6, 2012 12:17 PM 7 25 Aug 5, 2012 6:24 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 5:43 PM 10 5 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 3:03 PM 11 2 Aug 3, 2012 1:209 PM 11 2 Aug 3, 2012 1:209 PM 11 2 Aug 3, 2012 3:20 PM 11 4 80 Aug 3, 2012 9:12 AM 12 50 Aug 3, 2012 9:12 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 3, 2012 9:12 AM 15 150 Jul 31, 2012 3:09 PM 16 80 Jul 31, 2012 1:106 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM	30	100	Jul 20, 2012 8:09 PM
33 150 Jul 20, 2012 5:21 PM 34 150 Jul 20, 2012 5:06 PM 35 1 Jul 19, 2012 3:43 PM 36 90 Jul 17, 2012 4:57 PM ICDs 1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 6, 2012 6:24 AM 7 25 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 1:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:46 AM 13 150 Aug 3, 2012 9:40 AM 14 80 Aug 3, 2012 9:40 AM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 1:06 AM 17 0 Jul 25, 2	31	300	Jul 20, 2012 5:34 PM
34 150 Jul 20, 2012 5:06 PM 35 1 Jul 19, 2012 3:43 PM 36 90 Jul 17, 2012 4:57 PM ICDS 1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 5:43 PM 10 5 Aug 3, 2012 1:06 AM 11 2 Aug 3, 2012 1:09 PM 11 2 Aug 3, 2012 1:09 PM 11 2 Aug 3, 2012 1:09 PM 12 50 Aug 3, 2012 9:46 AM 13 150 Aug 3, 2012 9:40 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 1:1:06 AM 16 80 Jul 31, 2012 1:1:06 AM 17 0 Jul 25, 2012 7:09 PM 18 100 Jul 25, 2012 7:09 PM <td>32</td> <td>300</td> <td>Jul 20, 2012 5:26 PM</td>	32	300	Jul 20, 2012 5:26 PM
35 1 Jul 19, 2012 3:43 PM 36 90 Jul 17, 2012 4:57 PM ICDs 1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 1:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 1:209 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:40 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 5:18 PM 16 80 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	33	150	Jul 20, 2012 5:21 PM
ICDs ICDs ICDs I 70 Aug 24, 2012 9:07 PM 2 60 Aug 16, 2012 2:26 PM 3 25 Aug 6, 2012 12:17 PM 4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 9:46 AM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 25, 2012 5:18 PM 16 80 Jul 25, 2012 5:19 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	34	150	Jul 20, 2012 5:06 PM
ICDs 1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 1:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 5:18 PM 16 80 Jul 25, 2012 7:09 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	35	1	Jul 19, 2012 3:43 PM
1 70 Aug 24, 2012 9:07 PM 2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 5:18 PM 16 80 Jul 25, 2012 7:09 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	36	90	Jul 17, 2012 4:57 PM
2 60 Aug 22, 2012 1:43 PM 3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 6, 2012 6:24 AM 7 25 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:46 AM 13 150 Aug 3, 2012 9:40 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 1:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM			ICDs
3 25 Aug 16, 2012 2:26 PM 4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 6, 2012 6:24 AM 7 25 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:46 AM 13 150 Aug 3, 2012 9:40 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 5:18 PM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM	1	70	Aug 24, 2012 9:07 PM
4 50 Aug 6, 2012 12:17 PM 5 50 Aug 6, 2012 6:28 AM 6 50 Aug 5, 2012 1:06 AM 7 25 Aug 3, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 5:18 PM 16 80 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	2	60	Aug 22, 2012 1:43 PM
5 50 Aug 6, 2012 6:28 AM 6 50 Aug 6, 2012 6:24 AM 7 25 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	3	25	Aug 16, 2012 2:26 PM
6 50 Aug 6, 2012 6:24 AM 7 25 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 12:09 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:40 AM 14 80 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 1:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM	4	50	Aug 6, 2012 12:17 PM
7 25 Aug 5, 2012 1:06 AM 8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 12:09 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	5	50	Aug 6, 2012 6:28 AM
8 20 Aug 3, 2012 5:43 PM 9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	6	50	Aug 6, 2012 6:24 AM
9 70 Aug 3, 2012 3:03 PM 10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	7	25	Aug 5, 2012 1:06 AM
10 5 Aug 3, 2012 12:09 PM 11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	8	20	Aug 3, 2012 5:43 PM
11 2 Aug 3, 2012 9:46 AM 12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	9	70	Aug 3, 2012 3:03 PM
12 50 Aug 3, 2012 9:40 AM 13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	10	5	Aug 3, 2012 12:09 PM
13 150 Aug 3, 2012 9:12 AM 14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	11	2	Aug 3, 2012 9:46 AM
14 80 Aug 1, 2012 3:09 PM 15 150 Jul 31, 2012 5:18 PM 16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	12	50	Aug 3, 2012 9:40 AM
15 150 16 80 17 0 18 100 19 55 Jul 23, 2012 11:32 AM	13	150	Aug 3, 2012 9:12 AM
16 80 Jul 31, 2012 11:06 AM 17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	14	80	Aug 1, 2012 3:09 PM
17 0 Jul 25, 2012 8:11 PM 18 100 Jul 25, 2012 7:09 PM 19 55 Jul 23, 2012 11:32 AM	15	150	Jul 31, 2012 5:18 PM
18 100 19 55 Jul 25, 2012 7:09 PM Jul 23, 2012 11:32 AM	16	80	Jul 31, 2012 11:06 AM
19 55 Jul 23, 2012 11:32 AM	17	0	Jul 25, 2012 8:11 PM
	18	100	Jul 25, 2012 7:09 PM
20 11 Jul 23, 2012 10:12 AM	19	55	Jul 23, 2012 11:32 AM
	20	11	Jul 23, 2012 10:12 AM

Page 4, Q12. How many CIEDs (all types) were implanted in your centre during the first 6 months 2012 so far ? (primary implantation)		
21	4	Jul 23, 2012 9:29 AM
22	100	Jul 23, 2012 7:37 AM
23	175	Jul 22, 2012 8:56 PM
24	50	Jul 22, 2012 5:03 PM
25	50	Jul 22, 2012 10:43 AM
26	60	Jul 21, 2012 6:58 AM
27	69	Jul 20, 2012 10:35 PM
28	90	Jul 20, 2012 9:30 PM
29	40	Jul 20, 2012 8:13 PM
30	50	Jul 20, 2012 8:09 PM
31	60	Jul 20, 2012 5:34 PM
32	80	Jul 20, 2012 5:26 PM
33	40	Jul 20, 2012 5:21 PM
34	100	Jul 20, 2012 5:06 PM
35	1	Jul 19, 2012 3:43 PM
36	30	Jul 17, 2012 4:57 PM

Page 4, Q13. How many MRI-certified CIEDs were implanted in your centre during the first 6 months 2012 so far?

	Number of MF	RI-certified pacemakers:
1	25	Aug 24, 2012 9:07 PM
2	10	Aug 22, 2012 1:43 PM
3	4	Aug 16, 2012 2:26 PM
4	15	Aug 6, 2012 12:17 PM
5	0	Aug 6, 2012 6:28 AM
6	80	Aug 6, 2012 6:24 AM
7	2	Aug 5, 2012 1:06 AM
8	40	Aug 3, 2012 5:43 PM
9	40	Aug 3, 2012 3:03 PM
10	10	Aug 3, 2012 12:09 PM
11	0	Aug 3, 2012 9:46 AM
12	10	Aug 3, 2012 9:40 AM
13	80	Aug 3, 2012 9:12 AM
14	14	Aug 1, 2012 3:09 PM
15	2	Jul 31, 2012 5:18 PM
16	12	Jul 31, 2012 11:06 AM
17	1	Jul 25, 2012 8:11 PM
18	10	Jul 25, 2012 7:09 PM
19	4	Jul 23, 2012 11:32 AM
20	1	Jul 23, 2012 10:12 AM
21	0	Jul 23, 2012 9:29 AM
22	0	Jul 23, 2012 7:37 AM
23	0	Jul 22, 2012 8:56 PM
24	5	Jul 22, 2012 5:03 PM
25	45	Jul 22, 2012 10:43 AM
26	10	Jul 21, 2012 6:58 AM
27	6	Jul 20, 2012 10:35 PM
28	2	Jul 20, 2012 9:30 PM

Page 4, far?	, Q13. Ho	ow many MRI-certified CIEDs were implanted in your centre during the first 6 months 2012 so
29	4	Jul 20, 2012 8:13 PM
30	30	Jul 20, 2012 8:09 PM
31	0	Jul 20, 2012 5:34 PM
32	20	Jul 20, 2012 5:26 PM
33	140	Jul 20, 2012 5:21 PM
34	4	Jul 20, 2012 5:06 PM
35	1	Jul 19, 2012 3:43 PM
		Number of MRI-certified ICDs:
1	5	Aug 24, 2012 9:07 PM
2	1	Aug 22, 2012 1:43 PM
3	0	Aug 16, 2012 2:26 PM
4	0	Aug 6, 2012 12:17 PM
5	0	Aug 6, 2012 6:28 AM
6	3	Aug 6, 2012 6:24 AM
7	0	Aug 5, 2012 1:06 AM
8	5	Aug 3, 2012 5:43 PM
9	1	Aug 3, 2012 3:03 PM
10	0	Aug 3, 2012 12:09 PM
11	0	Aug 3, 2012 9:46 AM
12	3	Aug 3, 2012 9:40 AM
13	0	Aug 3, 2012 9:12 AM
14	4	Aug 1, 2012 3:09 PM
15	0	Jul 31, 2012 5:18 PM
16	4	Jul 31, 2012 11:06 AM
17	0	Jul 25, 2012 8:11 PM
18	30	Jul 25, 2012 7:09 PM
19	0	Jul 23, 2012 11:32 AM
20	0	Jul 23, 2012 10:12 AM
21	0	Jul 23, 2012 9:29 AM

Page 4, far?	, Q13.	How many MRI-certified CIEDs were implanted in your centre during the first 6 months 2012 so
22	0	Jul 23, 2012 7:37 AM
23	0	Jul 22, 2012 8:56 PM
24	0	Jul 22, 2012 5:03 PM
25	45	Jul 22, 2012 10:43 AM
26	2	Jul 21, 2012 6:58 AM
27	0	Jul 20, 2012 10:35 PM
28	0	Jul 20, 2012 9:30 PM
29	0	Jul 20, 2012 8:13 PM
30	2	Jul 20, 2012 8:09 PM
31	0	Jul 20, 2012 5:34 PM
32	0	Jul 20, 2012 5:26 PM
33	1	Jul 20, 2012 5:21 PM
34	0	Jul 20, 2012 5:06 PM
35	1	Jul 19, 2012 3:43 PM