

Multimedia Appendix 1 Summary of data and sources

Total Consults	Sites	Duration Wks	Cons/Site/Week	Specialty	Country	Technology	Ref
14	3	312	0.01	Dermatology	USA	SF	1
6	2	104	0.03	Emergency	USA	VC	2
200	135	52	0.03	Psychiatry	Finland	VC	3
3,560	271	520	0.03	Mixed	China	Mixed	4
88,103	48,707	52	0.03	Cardiac - Teletriage	Israel	Tel	5
12,576	896	364	0.04	Cardiology	Italy	Tel	6
36	19	52	0.04	Child abuse	USA	email	7
10	2	104	0.05	Neonatology	USA	VC	2
1,000	65	320	0.05	Paediatric burns	Australia	VC	8
206	67	52	0.06	Mixed	Global	email	9
44	10	74	0.06	Paediatric Crit Care	USA	VC	10
100	8	156	0.08	Parkinson's	USA	VC	11
75	16	52	0.09	Surgery	USA	VC	12
819	75	104	0.11	Mixed	Australia	VC	13
132	3	416	0.11	Echo cardiology	Ireland	VC	14
1,672	212	52	0.15	Mixed	Canada	VC	15
505	29	108	0.16	Dermatology	Netherlands	e-Mail	16
767	30	134	0.19	Paediatric	International	VC	17
46	2	100	0.23	Cytology	India	e-Mail	18
165	12	52	0.26	Neurology Stroke	USA	VC	19
88	2	147	0.30	ER - stroke	Canada	VC	20
3,000	30	312	0.32	Mixed	USA	VC	21
66	1	195	0.34	Surgery	India	VC	22
1,500	80	52	0.36	Mixed	USA	VC	23
40	1	104	0.38	Cardiology	Serbia/ UK	VC	24
200	10	52	0.38	Paediatrics - Abuse	USA	VC	25
43	1	104	0.41	Paediatric ICU	USA	VC	26
1,458	14	247	0.42	Audiology	USA	SF	27
23	1	52	0.44	Trauma U/S	Canada	VC	28
1,684	68	52	0.48	Telemental Health	Canada	VC	29
500	20	52	0.48	Ante / neo natal care	USA	VC	30
3,000	120	52	0.48	Pathology	Japan	web	31
4,000	17	468	0.50	School / Psychiatry	USA	VC	32
132	5	52	0.51	Ophthalmology	International	web	33
606	9	130	0.52	Ped Mental Health	Australia	VC	34
217	3	130	0.56	Pathology	USA	SF	35
203	4	78	0.65	Psychiatry	Denmark	VC	36
311	3	156	0.66	Neurology	USA	VC	2
88	1	126	0.70	Paed Neuro-oncology	International	SF	37

Total Consults	Sites	Duration Wks	Cons/Site/Week	Specialty	Country	Technology	Ref
18,250	84	312	0.70	Obstetrics	USA	Mixed	38
2,260	6	520	0.72	Psychiatry	USA	VC	39
3,800	100	52	0.73	Mixed	USA	VC	40
2,135	51	52	0.81	Prisons	USA	VC	41
30,000	700	52	0.82	Mixed	Canada	VC	42
900	19	52	0.91	Mixed	USA	VC	40
638	19	35	0.96	Mixed	USA	email	43
508	10	52	0.98	Mental Health	USA	VC & Tel	44
835	15	52	1.07	Trauma	Scotland	VC	45
2,000	16	104	1.20	Echocardiology	USA	VC	46
97	1	69	1.41	Primary care	Scotland	VC	47
7,500	20	260	1.44	Psychiatry	USA	VC	48
75	1	52	1.44	Stroke	Spain	VC	49
2,500	29	52	1.66	Mixed	USA	VC	50
214	1	119	1.80	Mixed	Cambodia	e-Mail	51
387	4	52	1.86	Psychiatry	USA	VC	52
343	1	156	2.20	Neuropathology	Austria	web	53
229	1	104	2.20	Mixed	USA	VC	54
2,009	12	74	2.26	Dermatology	Spain	SF	55
118	1	52	2.27	Ophthalmology	Australia	web	56
958	8	52	2.30	Mixed paediatric	USA	VC	57
385	1	156	2.47	Echocardiology	USA	Mixed	58
747	3	100	2.49	Dialysis / education	USA	VC	59
5,830	9	260	2.49	Cardiotocography	Italy	SF	60
26,777	31	342	2.53	Dermatology	USA	SF	61
297	1	104	2.86	Genetics	USA	VC	62
511	3	56	3.04	Psychiatry	USA	VC	63
700	4	52	3.37	Neurology Stroke	Germany	VC	64
108,159	224	139	3.47	ECG	Brazil	Mixed	65
1,804	2	260	3.47	Neurology	Ireland	VC	66
1,105	3	104	3.54	Psychiatry / other	USA	VC	67
60,000	275	52	4.20	Mixed	USA	VC	68
200,000	390	104	4.93	ECG	Chile	Mixed	69
451	1	79	5.71	Dermatology	USA	VC	70
52,000	112	52	8.93	Mixed - Prisons	USA	VC	71
535	1	52	10.29	Critical Care	USA	VC	72
1,164	2	52	11.19	Primary Care	USA	VC	73
80,000	12	260	25.64	Emergency	USA	VC	74

Total Consuls	Sites	Duration Wks	Cons/Site/Week	Specialty	Country	Technology	Ref
15,678	172	52	1.75	Diabetic Retinopathy	USA	Web	75
318	1	104	3.06	Diabetic Retinopathy	International	SF	76
22,234	23	156	6.20	Diabetic Retinopathy	France	Web	77
120,000	200	52	11.54	Diabetic Retinopathy	USA	SF	78
1,800	1	156	11.54	Diabetic Retinopathy	USA	Web	79
12,701	6	60	35.28	Diabetic Retinopathy	USA	Web	80
2,962	1	52	56.96	Diabetic Retinopathy	Finland	CD	81
20,080	1	108	185.93	Diabetic Retinopathy	India	SF	82

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