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 Telemedicine Service Use: A New Metric
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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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