

Studies included in the rapid scoping review

Table 1: Key for Table 15 (categories of type of innovation and anticipated/potential benefits)

Key for Innovation type		Key for Potential/anticipated Benefits	
1	Teleconsultations / virtual appointments (incl. remote monitoring)	A	Reduce referral volume and improve appropriateness of referrals
2	Management tools, administrative systems and processes to support appointment scheduling incl. patient reminders and pre-consultation communication	B	Book patients into all available time slots and reduce missed appointments
3	New roles, non-specialist led clinics, including task-shifting	C	Only using face to face when it adds value
4	Drop-in clinics, direct-access clinics, and rapid triage	D	Optimising skill mix and staff mix (incl. making best use of clinic support roles)
5	Advice and guidance, shared care models, and models that move care from secondary to primary care settings	E	Reducing unnecessary administration, optimising clinical time per consultation (incl. minimising patient waits in clinic)
6	Personalised follow-up and open booking	F	Appointments scheduled based on clinical need, streamlining number of appointments (incl. more effective sequencing of clinical input)
7	Other (e.g. intensive outpatient care clinics)	G	Improving patient support and understanding of when to seek care

Table 2: Studies included in the rapid scoping review, including the categorisation of innovation type and potential benefits

Reference	Author(s)	Year	Country	Innovation (see Table 14)	Potential Benefits (see Table 14)
1	AK Obeng et al.	2015	UK	1	C
2	NIHR	2016	UK	5	A, D
3	Andino et al.	2020	US	1	C
4	Anugraha et al.	2021	UK	2	E
5	Augestad, Sneve & Lindsetmo	2020	Norway	1,3	C, D
6	Balaban et al.	2017	US	3	D, G
7	Beard, Orlando & Kumar	2017	Australia	1	C
8	Bennett et al.	2019	UK	4	A, F, C, G
9	Blaauw et al.	2019	Netherlands	2	B
10	Brettschneider et al.	2020	Germany	5,7	A, F
11	Bussoletti et al.	2020	Australia	5	A, D
12	Buvik et al.	2019	Norway	1	C
13	Byrne et al.	2018	Australia	4	E

Reference	Author(s)	Year	Country	Innovation (see Table 14)	Potential Benefits (see Table 14)
14	Chan et al.	2018	Not applicable (Review)	3	D
15	Coenen et al.	2017	Belgium	3	F, D, G
16	Cottrell et al.	2021	Australia	1	C
17	Creen et al.	2021	Australia	3	D
18	Cullen	2018	US	4	E, F
19	Dahlberg et al.	2017	Sweden	1	E, F, C
20	Davidow et al.	2018	US	2	E, F
21	Dayal et al.	2019	US	1	C
22	de Jong et al.	2020	Netherlands	1	C
23	de Jong et al.	2017	Netherlands	1	C, G
24	DeFulio et al.	2021	US	1,2	B, C, G
25	Delaney et al.	2020	US	7	F, D, G
26	Department of Health and Social Care	2016	UK	2	B
27	Deslauriers	2017	Canada	2	A, B, E
28	Donald	2021	Australia	5	A, D
29	Dos Santos	2019	France	3	E, D
30	Dusheiko & Gravelle	2018	UK	2	B, E
31	Early et al.	2015	UK	2	E
32	Edalat et al.	2017	US	7	A, F
33	Ehlert & Oberschachtsiek	2019	Germany	1,7	F
34	Emery et al.	2017	Australia	5	A, D, G
35	Ewelukwa et al.	2018	US	3	E
36	Fredriksson et al.	2016	Sweden	6	F, G
37	Fuschini et al.	2020	Australia	5	A, D
38	Garcia et al.	2018	US	1	C, G
39	Gaucher et al.	2016	France	2	B
40	Goetz et al.	2018	Ireland	5	A, D
41	Goffman et al.	2017	US	2	B, E
42	Goodwin et al.	2016	UK	3,6	F, C, D, G
43	Greenup et al.	2020	Australia	1	C
44	Gregory	2018	UK	4	E, F
45	Haidar et al.	2017	US	2	E
46	Hallsworth et al.	2015	UK	2	E
47	Hamill, Ellis & Johnston	2020	UK	4	F
48	Hansen	2018	US	4	A, F
49	Harding & Bottrell	2016	Australia	2	A, F

Reference	Author(s)	Year	Country	Innovation (see Table 14)	Potential Benefits (see Table 14)
50	Harding et al.	2018	Australia	2,4	A, F
51	Harding et al.	2020	Australia	2,4	A, F
52	Harding et al.	2018	Australia	2,4	A, F
53	Hasan et al.	2018	Netherlands	2	E
54	Heida et al.	2018	Netherlands	1	C, G
55	Hill et al.	2021	US	3	D
56	Hollingworth et al.	2017	Australia	5	A, F, D
57	Horny et al.	2017	US	3	A, D, G
58	Hull et al.	2020	UK	1	E, C
59	Hultman et al.	2015	US	2,3,7	B, E, D
60	Ingraham et al.	2016	US	4	A
61	Ip et al.	2021	New Zealand	4	F
62	Irizarry-Alvarado et al.	2019	US	7	E, D
63	Isaac et al.	2015	Canada	4	F
64	Jeppesen et al.	2018	Denmark	6	F, G
65	Kalafat et al.	2019	UK	1	F, C, G
66	Kenealy et al.	2015	New Zealand	1	F, C, G
67	Kevat et al.	2019	Australia	2	B
68	Khoury et al.	2018	Denmark	6	F, G
69	Kiruparan, Kiruparan & Debnath	2020	UK	2	B, E
70	Klimis et al.	2017	Australia	4	B, E, F
71	Kooistra et al.	2019	Netherlands	1	C
72	Kovach & Flores	2021	US	2,3	B, E, D
73	Kranker et al.	2018	US	3	D, G
74	Lagman et al.	2021	US	2	B, E
75	Leeftink, Vliegen & Hans	2019	Netherlands	2	B, E, F, D
76	Lefresne et al.	2015	Canada	4	E, F
77	Leung et al.	2019	US	5	A, F, G
78	Lindsay, Lawrensen & English	2020	Northern Ireland	4	E, F, C
79	Lonergan et al.	2020	Ireland (UK)	3, 4	F, D
80	Luqman et al.	2020	UK	6	F
81	Ma et al.	2018	Australia	1	C
82	Mackenzie et al.	2018	UK	1	E, C
83	Marino et al.	2021	France	2	E
84	Matthews et al.	2018	US	1,2,3	E, F, C, D
85	McKee, Wade & McCarron	2015	UK	2,3	E, D
86	McLaughlin, Kenealy & Locke	2018	Australia	4	E, F

Reference	Author(s)	Year	Country	Innovation (see Table 14)	Potential Benefits (see Table 14)
87	McLeod et al.	2015	UK	4	A, E
88	Melathopolous & Cawthorpe	2019	Canada	2	B, E
89	Mizes et al.	2021	US	5	A
90	Moore & Arthur	2019	Canada	2	B, E
91	Moran, O'Loughlin & Kelly	2018	Ireland	2	B
92	Moreno & Peck	2020	US	1,3	A, C, D, G
93	Morris et al.	2017	UK	1	C, G
94	Muris et al.	2020	Netherlands	5	A, D
95	Murphy et al.	2020	Not applicable (Review)	1	C
96	Murphy et al.	2018	UK	7	E
97	Murphy et al.	2020	Not applicable (Review)	1	C
98	Navaneethan et al.	2017	US	2,3	F, D, G
99	Nelson et al.	2016	US	5	A
100	Nisar	2019	UK	4	E, F
101	O'Regan et al.	2021	Ireland	5	A, D
102	Oseran & Wasfy	2019	US & Canada	1	C
103	Patino, Kraus & Bishop	2019	US	2	E
104	Perreault et al.	2021	US	1	C, G
105	Peuchot et al.	2020	France	2	B
106	Piette et al.	2017	France	5	A, E
107	Pokorny et al.	2021	Australia	3	E, D
108	Qaderi et al.	2021	Netherlands	1	F, G
109	Quanjel et al.	2019	Netherlands	5	A, D
110	Rasmussen, Lauszus & Loekke	2016	Denmark	1	C
111	Reed et al.	2020	US	2,5	A, F
112	Reid et al.	2015	US	2	B
113	Reid et al.	2016	US	2	B
114	Robotham et al.	2016	Europe, Asia, Africa, Australia & America	2	B
115	Ruggeri et al.	2017	France	4	E, F
116	Rymer et al.	2018	US	3	D
117	Sagar et al.	2021	UK	4	F
118	Sapre at al.	2015	Australia	4	F
119	Saxon, Gray & Opreescu	2018	Australia	3	D
120	Schougaard et al.	2019	Denmark	1,6	F, G
121	Selvig et al.	2018	US	5	A, D

Reference	Author(s)	Year	Country	Innovation (see Table 14)	Potential Benefits (see Table 14)
122	Sherlaw-Johnson et al.	2018	UK	5	A
123	Shulman, Joh & Kane	2017	US	1	C
124	Singh et al.	2015	US	2	E, F
125	Singman et al.	2015	US	2,7	E
126	Smith-Strom et al.	2018	Norway	1,5	A, C
127	Sorensen et al.	2015	Denmark	3,6	F, C, D, G
128	Southey et al.	2015	UK	1	F, C, G
129	Spentzou at el.	2019	UK	1	F, C, G
130	Srinivas & Ravindran	2020	US	2	B, E
131	Stute et al.	2021	Australia	3,4	A, D
132	Tan & Sestan	2019	Australia	2	E
133	Tibor et al.	2017	US	3,7	D
134	Valsangkar et al.	2017	US	2	B, E
135	van den Bogaart et al.	2020	Netherlands	5	A, D
136	Van Den Wijngaart et al.	2017	Netherlands	1	F, C
137	van Sambeek, Luinstra & Te Loo	2018	Netherlands	4	E, F
138	Vestergaard et al.	2020	Denmark	1,3	C, D, G
139	Viers et al.,	2015	US	1	C
140	Villegas Garcia et al.	2018	Spain	2	B, E
141	Volk, A. S. et al.	2020	US	2	B, E
142	Wåhlberg et al.	2021	Norway	2	A, E, F
143	Wan et al.	2020	US	1	C
144	Wasfy, et al.	2016	US	1	C
145	Whitelaw, et al.	2020	Australia	4	E, F
146	Winpenny et al.	2017	Not applicable (review)	5	A, D
147	Wolthers	2019	Denmark	2	B
148	Yang, Barbieri & Kovarik	2019	US	1	C
149	Zorron et al.	2021	Australia	1	C

*See Table 14 for key of innovation type and potential benefits

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