

Appendix 4

Results:

(The reference ID is from the article)

Metric	Number of Studies (%)	Reference ID
Year		
>=2020	7 (50%)	2, 11-16
2014-2019	6 (42.86%)	1, 6-10
2006	1 (7.14%)	17
Country		
United Kingdom	6 (42.86%)	2, 10, 12, 13, 15, 16
United States	4 (28.57%)	1, 9, 14, 17
Canada	2 (14.29%)	6, 7
Netherlands	1 (7.14%)	11
South Korea	1 (7.14%)	8
Study Methods		
Comparative	8 (57.14%)	2, 6, 8, 10, 12, 13, 16, 17
Cohort Observational Study	3 (21.43%)	2, 10, 12
Experimental Study	5 (35.71%)	6, 8, 13, 16, 17
Non-Randomized Experimental Study	4 (28.57%)	8, 13, 16, 17
Randomized Experimental Study	1 (7.14%)	6
Descriptive	6 (42.86%)	1, 7, 9, 11, 14, 15
Feasibility Study	1 (7.14%)	11
Usability Study	1 (7.14%)	7
Observational Study	2 (14.29%)	9, 15
Descriptive Study	2 (14.29%)	1, 14
Participant Type		
Patients	11 (78.57%)	2, 6-13, 15-17
Patients & Guardians	2 (14.29%)	9, 13
Patients & Medical Staff	1 (7.14%)	8
Parents/Guardians	1 (7.14%)	16
Health Institutions	1 (7.14%)	14
Pediatric Patients' Guardians	2 (14.29%)	13, 16
Healthcare Setting		
Clinical	11 (78.57%)	1, 2, 6, 8-12, 14, 15, 17
Public	3 (21.43%)	7, 13, 16
Healthcare Domain		
Surgery	7 (50%)	1, 2, 6, 10, 12, 15, 17
School Vaccination Program	2 (14.29%)	13, 16
Anesthesiology	1 (7.14%)	11
Infectious Diseases	1 (7.14%)	7

Behavioral Health	1 (7.14%)	9
Cancer	1 (7.14%)	14
Various Domains	1 (7.14%)	8
Use Case		
Multiple/Various	3 (21.43%)	1, 8, 10
Interface		
Website	6 (42.86%)	1, 7, 10, 11, 13, 16
Computer Application	4 (28.57%)	2, 12, 15, 17
Mobile Application	2 (14.29%)	6, 8
Mobile Application (E-book)	1 (7.14%)	6
Within EHR	1 (7.14%)	9
Results		
Positive	12 (85.71%)	1, 2, 6-8, 10-12, 14-17
Negative	1 (7.14%)	13
Mixed	1 (7.14%)	9
Measures		
Sufficient Information	3 (21.43%)	6, 7, 11
Accuracy	3 (21.43%)	1, 2, 10
Errors	2 (14.29%)	1, 2
Shared Decision-Making Quality	3 (21.43%)	2, 12, 15
Completion Rate	1 (7.14%)	8
Efficiency	3 (21.43%)	1, 8, 13
Negative Findings of Efficiency	1 (7.14%)	13
Compliance	2 (14.29%)	1, 17
Design	1 (7.14%)	7
E-Consent Capabilities	1 (7.14%)	14
Return Rate and Uptake	2 (14.29%)	13, 16
Negative Findings of Return Rate	1 (7.14%)	13
Mixed Measures	1 (7.14%)	9