Wearable Technology and Physical Activity Behavior Ch Cardiometabolic Disease: A Systematic Review and Met

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Citation Report

#	ARTICLE	IF	Citations
1	The effectiveness of wearable technologies as physical activity interventions in weight control: A systematic review and metaâ€analysis of randomized controlled trials. Obesity Reviews, 2019, 20, 1485-1493.	6.5	58
2	Digital Health Innovations to Improve Cardiovascular Disease Care. Current Atherosclerosis Reports, 2020, 22, 71.	4.8	29
3	Reducing the global burden of diabetes using mobile health., 2020,, 3-23.		0
4	Effects of smart garments on the well-being of athletes: a scoping review protocol. BMJ Open, 2020, 10, e042127.	1.9	5
5	A meta-analysis of wearables research in educational settings published 2016–2019. Educational Technology Research and Development, 2020, 68, 1829-1854.	2.8	13
7	Do smartphone applications and activity trackers increase physical activity in adults? Systematic review, meta-analysis and metaregression. British Journal of Sports Medicine, 2021, 55, 422-432.	6.7	163
8	The Use of Activity Trackers in Interventions for Childhood Cancer Patients and Survivors: A Systematic Review. Journal of Adolescent and Young Adult Oncology, 2021, 10, 1-14.	1.3	12
9	Perspectives of older adults with chronic disease on the use of wearable technology and video games for physical activity. Digital Health, 2021, 7, 205520762110199.	1.8	6
10	Using an activity tracker to increase motivation for physical activity in patients with type 2 diabetes in primary care: a randomized pilot trial. MHealth, 2021, 7, 0-0.	1.6	7
11	Point of care TECHNOLOGIES., 2021,, 73-84.		O
12	Mobile Sensors and Wearable Technology. , 2021, , 507-515.		0
13	Adherence to a lower versus higher intensity physical activity intervention in the Breast Cancer & Physical Activity Level (BC-PAL) Trial. Journal of Cancer Survivorship, 2022, 16, 353-365.	2.9	10
14	Health wearable devices for weight and BMI reduction in individuals with overweight/obesity and chronic comorbidities: systematic review and network meta-analysis. British Journal of Sports Medicine, 2021, 55, 917-925.	6.7	28
16	Physical activity in hemodialysis patients on <scp>nondialysis</scp> and dialysis days: Prospective observational study. Hemodialysis International, 2021, 25, 240-248.	0.9	12
17	Long-term Effectiveness of mHealth Physical Activity Interventions: Systematic Review and Meta-analysis of Randomized Controlled Trials. Journal of Medical Internet Research, 2021, 23, e26699.	4.3	71
18	Wearable Activity Monitors in Home Based Exercise Therapy for Patients with Intermittent Claudication: A Systematic Review. European Journal of Vascular and Endovascular Surgery, 2021, 61, 676-687.	1.5	18
20	Claudication: A Systematic Review. European Journal of Vascular and Endovascular Surgery, 2021, 61,	1.5 6.5	18

#	ARTICLE	IF	CITATIONS
22	Effect and feasibility of wearable physical activity trackers and pedometers for increasing physical activity and improving health outcomes in cancer survivors: A systematic review and meta-analysis. Journal of Sport and Health Science, 2022, 11, 184-193.	6.5	42
23	Interventions Using Wearable Physical Activity Trackers Among Adults With Cardiometabolic Conditions. JAMA Network Open, 2021, 4, e2116382.	5.9	48
24	Optimizing the use of technology to support people with diabetes: research recommendations from Diabetes UK's 2019 diabetes and technology workshop. Diabetic Medicine, 2021, 38, e14647.	2.3	2
25	Wearable activity trackers for promoting physical activity: A systematic meta-analytic review. International Journal of Medical Informatics, 2021, 152, 104487.	3.3	31
26	A New Taxonomy for Technology-Enabled Diabetes Self-Management Interventions: Results of an Umbrella Review. Journal of Diabetes Science and Technology, 2022, 16, 812-824.	2.2	10
27	Evaluating the Validity and Utility of Wearable Technology for Continuously Monitoring Patients in a Hospital Setting: Systematic Review. JMIR MHealth and UHealth, 2021, 9, e17411.	3.7	18
29	Effect of Moderate Intensity Exercise on Infection Rates in Individuals with Primary Immunodeficiency Disease: A Preliminary Pilot Randomized Investigation. Physiotherapy Theory and Practice, 2022, 38, 2677-2688.	1.3	0
30	Perspective: Opportunities and Challenges of Technology Tools in Dietary and Activity Assessment: Bridging Stakeholder Viewpoints. Advances in Nutrition, 2022, 13, 1-15.	6.4	7
31	Current trends in epidemiology of cardiovascular disease and cardiovascular risk management in type 2 diabetes. Metabolism: Clinical and Experimental, 2021, 123, 154838.	3.4	84
32	A feasibility study of a peer-facilitated physical activity intervention in methadone maintenance. Mental Health and Physical Activity, 2021, 21, 100419.	1.8	12
33	Fitbit wear-time and patterns of activity in cancer survivors throughout a physical activity intervention and follow-up: Exploratory analysis from a randomised controlled trial. PLoS ONE, 2020, 15, e0240967.	2.5	26
34	The Role of Wearable Technologies and Telemonitoring in Managing Vascular Disease. Vascular and Endovascular Review, 0, 3, .	0.2	4
35	Effectiveness of Wearable Trackers on Physical Activity in Healthy Adults: Systematic Review and Meta-Analysis of Randomized Controlled Trials. JMIR MHealth and UHealth, 2020, 8, e15576.	3.7	46
36	Haptic Nudges Increase Affected Upper Limb Movement During Inpatient Stroke Rehabilitation: Multiple-Period Randomized Crossover Study. JMIR MHealth and UHealth, 2020, 8, e17036.	3.7	13
37	Fitbit-Based Interventions for Healthy Lifestyle Outcomes: Systematic Review and Meta-Analysis. Journal of Medical Internet Research, 2020, 22, e23954.	4.3	107
38	Smartphone applications for physical activity and sedentary behaviour change in people with cardiovascular disease: A systematic review and meta-analysis. PLoS ONE, 2021, 16, e0258460.	2.5	17
42	Usefulness of wearable fitness tracking devices in patients undergoing esophagectomy. Esophagus, 2022, 19, 260-268.	1.9	3
44	Using Ecological Momentary Assessments and Fitbit Data to Examine Daily Associations Between Physical Activity, Affect and Alcohol Cravings in Patients with Alcohol Use Disorder. International Journal of Behavioral Medicine, 2022, 29, 543-552.	1.7	3

3

#	Article	IF	CITATIONS
45	Patient Use of Cardiovascular Devices and Apps: Are We Getting Our Money's Worth?. Methodist DeBakey Cardiovascular Journal, 2020, 16, 291-295.	1.0	2
46	Patient Perspectives on the Digitization of Personal Health Information in the Emergency Department: Mixed Methods Study During the COVID-19 Pandemic. JMIR Medical Informatics, 2022, 10, e28981.	2.6	3
47	A Remote Health Coaching, Text-Based Walking Program in Ethnic Minority Primary Care Patients With Overweight and Obesity: Feasibility and Acceptability Pilot Study. JMIR Formative Research, 2022, 6, e31989.	1.4	1
48	Effectiveness of online cognitive behavioral interventions that include mindfulness for clinically-diagnosed anxiety and depressive disorders: A systematic review and meta-analysis. International Journal of Mental Health, 2022, 51, 235-266.	1.3	5
49	The efficacy of commercial smartwatches with a blood pressureâ€monitoring feature: A pilot randomized controlled trial. Journal of Nursing Scholarship, 2022, 54, 324-331.	2.4	4
50	Patient Use of Cardiovascular Devices and Apps: Are We Getting Our Money's Worth?. Methodist DeBakey Cardiovascular Journal, 2021, 16, 291.	1.0	2
52	The Use of Gamification and Incentives in Mobile Health Apps to Improve Medication Adherence: Scoping Review. JMIR MHealth and UHealth, 2022, 10, e30671.	3.7	26
53	Effectiveness of physical activity monitors in adults: systematic review and meta-analysis. BMJ, The, 2022, 376, e068047.	6.0	43
54	What Factors Predict the Adoption of Type 2 Diabetes Patients to Wearable Activity Trackersâ€"Application of Diffusion of Innovation Theory. Frontiers in Public Health, 2021, 9, 773293.	2.7	3
55	Remote Healthcare for Elderly People Using Wearables: A Review. Biosensors, 2022, 12, 73.	4.7	26
56	Long-term Effectiveness of a Smartphone App Combined With a Smart Band on Weight Loss, Physical Activity, and Caloric Intake in a Population With Overweight and Obesity (Evident 3 Study): Randomized Controlled Trial. Journal of Medical Internet Research, 2022, 24, e30416.	4.3	29
57	Wearable technology-delivered lifestyle intervention amongst adults with overweight and obese: A systematic review and meta-regression. International Journal of Nursing Studies, 2022, 127, 104163.	5.6	7
58	The Wenckebach phenomenon. Heart and Lung: Journal of Acute and Critical Care, 1987, 16, 506-18.	1.6	0
59	Panâ€risk factor for a comprehensive cardiovascular health management. Journal of Diabetes, 2022, 14, 179-191.	1.8	2
61	The Effectiveness of Wearable Devices as Physical Activity Interventions for Preventing and Treating Obesity in Children and Adolescents: Systematic Review and Meta-analysis. JMIR MHealth and UHealth, 2022, 10, e32435.	3.7	14
63	A Dynamic Light-Weight Symmetric Encryption Algorithm for Secure Data Transmission via BLE Beacons. Journal of Sensor and Actuator Networks, 2022, 11, 2.	3.9	6
64	Effectiveness of an 8-Week Physical Activity Intervention Involving Wearable Activity Trackers and an eHealth App: Mixed Methods Study. JMIR Formative Research, 2022, 6, e37348.	1.4	2
66	The Effect of Wearable and Smartphone Applications on Physical Activity, Quality of Life, and Cardiovascular Health Outcomes in Overweight/Obese Adults: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Biological Research for Nursing, 2022, 24, 503-518.	1.9	3

#	ARTICLE	IF	CITATIONS
69	A randomized trial to promote physical activity in adult pre-hypertensive and hypertensive patients. Journal of Sports Sciences, 2022, 40, 1648-1657.	2.0	2
70	Digital Biomarker–Based Studies: Scoping Review of Systematic Reviews. JMIR MHealth and UHealth, 2022, 10, e35722.	3.7	12
71	Effectiveness of wearable activity trackers to increase physical activity and improve health: a systematic review of systematic reviews and meta-analyses. The Lancet Digital Health, 2022, 4, e615-e626.	12.3	100
72	Association Between Patient Factors and the Effectiveness of Wearable Trackers at Increasing the Number of Steps per Day Among Adults With Cardiometabolic Conditions: Meta-analysis of Individual Patient Data From Randomized Controlled Trials. Journal of Medical Internet Research, 2022, 24, e36337.	4.3	1
73	Do physical activity interventions combining self-monitoring with other components provide an additional benefit compared with self-monitoring alone? A systematic review and meta-analysis. British Journal of Sports Medicine, 2022, 56, 1366-1374.	6.7	18
74	Digital Biomarker–Based Interventions: Systematic Review of Systematic Reviews. Journal of Medical Internet Research, 2022, 24, e41042.	4.3	13
75	Wearable Activity Tracker Use and Physical Activity Among Informal Caregivers in the United States: Quantitative Study. JMIR MHealth and UHealth, 2022, 10, e40391.	3.7	1
76	Guidelines for the management of hyperlipidemia: How can clinicians effectively implement them?. Progress in Cardiovascular Diseases, 2022, 75, 4-11.	3.1	7
77	The Impact of Consumer Wearable Devices on Physical Activity and Adherence to Physical Activity in Patients with Cardiovascular Disease: A Systematic Review of Systematic Reviews and Meta-Analyses. Telemedicine Journal and E-Health, 2023, 29, 986-1000.	2.8	0
78	Older adults as designers of behavior change strategies to increase physical activity $\hat{a} \in \mathbb{R}^n$ Report of a participatory design process. Frontiers in Public Health, 0, 10, .	2.7	3
79	Wearable Devices Beyond Activity Trackers in Youth with Obesity: Summary of Options. Childhood Obesity, 0, , .	1.5	1
81	Remote maintenance cardiac rehabilitation (MAINTAIN): A protocol for a randomised feasibility study. Digital Health, 2023, 9, 205520762311521.	1.8	3
82	The Impact of a Wearable Activity Tracker and Structured Feedback Program on Physical Activity in Hemodialysis Patients: The Step4Life Pilot Randomized Controlled Trial. American Journal of Kidney Diseases, 2023, 82, 75-83.	1.9	5
83	Effects of wearable physical activity tracking for breast cancer survivors: A systematic review and metaâ€analysis. International Journal of Nursing Knowledge, 0, , .	1.0	0
84	Harnessing digital health to optimise the delivery of guideline-based cardiac rehabilitation during COVID-19: an observational study. Open Heart, 2023, 10, e002211.	2.3	0
85	User-centered design of feedback regarding health-related behaviors derived from wearables: An approach targeting older adults and persons living with neurodegenerative disease. Digital Health, 2023, 9, 205520762311790.	1.8	1
86	The effectiveness of wearable activity trackers for increasing physical activity and reducing sedentary time in older adults: A systematic review and meta-analysis. Digital Health, 2023, 9, 205520762311767.	1.8	1
87	Zoom-Based Mindfulness-Oriented Recovery Enhancement Plus Just-in-Time Mindfulness Practice Triggered by Wearable Sensors for Opioid Craving and Chronic Pain. Mindfulness, 2023, 14, 1329-1345.	2.8	1

#	Article	IF	CITATIONS
88	Ambulatory and successive home-based heart rate targeted aerobic training improves arterial parameters: a follow-up study in people with metabolic syndrome. Annals of Medicine, 2023, 55, .	3.8	1
89	Association Between Wearable Device Use and Levels of Physical Activity Among Older Adults in the US: Evidence From the 2019-2020 Health Information National Trends Survey. Cureus, 2023, , .	0.5	O
90	Can mobile health apps with smartphones and tablets be the new frontier of cognitive rehabilitation in older individuals? A narrative review of a growing field. Neurological Sciences, 0, , .	1.9	1
91	Can mobile-health applications contribute to long-term increase in physical activity after medical rehabilitation?–A pilot-study. , 2023, 2, e0000359.		0
93	Wearable Devices to Improve Physical Activity and Reduce Sedentary Behaviour: An Umbrella Review. Sports Medicine - Open, 2024, 10, .	3.1	2
94	Examining the Use of Wearable Health Devices for Tracking Physical Activity in Elderly Populations. , 0, , 36-45.		0