

Large-Scale Assessment of a Smartwatch to Identify Atrial Fibrillation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Atrial fibrillation. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16017.	18.1	6
2	Watched by Apple. <i>New England Journal of Medicine</i> , 2019, 381, 1964-1965.	13.9	8
3	How do Dutch general practitioners detect and diagnose atrial fibrillation? Results of an online case vignette study. <i>BMC Family Practice</i> , 2019, 20, 175.	2.9	6
5	Wearable devices: monitoring the future?. <i>Oxford Medical Case Reports</i> , 2019, 2019, 492-494.	0.2	5
6	The Apple Watch can detect atrial fibrillation: so what now?. <i>Nature Reviews Cardiology</i> , 2020, 17, 135-136.	6.1	21
7	Smartphones and wearable technology: benefits and concerns in cardiology. <i>Medical Journal of Australia</i> , 2020, 212, 54.	0.8	13
8	The year in cardiology: arrhythmias and pacing. <i>European Heart Journal</i> , 2020, 41, 619-625c.	1.0	2
9	Screening for atrial fibrillation: a call for evidence. <i>European Heart Journal</i> , 2020, 41, 1075-1085.	1.0	116
10	Editorial commentary: Beyond the early adopter: The smartwatch ECG goes mainstream. <i>Trends in Cardiovascular Medicine</i> , 2020, 30, 449-450.	2.3	1
11	Smart device-based detection of atrial fibrillation: Opportunities and challenges in the emerging world of digital health. <i>International Journal of Cardiology</i> , 2020, 302, 108-109.	0.8	3
12	Usability of a Wrist-Worn Smartwatch in a Direct-to-Participant Randomized Pragmatic Clinical Trial. <i>Digital Biomarkers</i> , 2020, 3, 176-184.	2.2	17
13	Ethnicity and Metabolic Syndrome: Implications for Assessment, Management and Prevention. <i>Nutrients</i> , 2020, 12, 15.	1.7	38
14	Prolonged ECG with a novel recorder utilizing electrode belt and mobile device in patients with recent embolic stroke of undetermined source: A pilot study. <i>Annals of Noninvasive Electrocardiology</i> , 2020, 25, e12802.	0.5	11
15	Digital Health and the Care of the Patient With Arrhythmia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007953.	2.1	20
16	Frontiers of Upstream Stroke Prevention and Reduced Stroke Inequity Through Predicting, Preventing, and Managing Hypertension and Atrial Fibrillation. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020, 13, e006780.	0.9	7
17	Reliable Detection of Atrial Fibrillation with a Medical Wearable during Inpatient Conditions. <i>Sensors</i> , 2020, 20, 5517.	2.1	13
18	Digital Health Innovations to Improve Cardiovascular Disease Care. <i>Current Atherosclerosis Reports</i> , 2020, 22, 71.	2.0	29
19	Mobile health technology-supported atrial fibrillation screening and integrated care: A report from the mAFA-II trial Long-term Extension Cohort. <i>European Journal of Internal Medicine</i> , 2020, 82, 105-111.	1.0	94

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20	Clinical evaluation and diagnostic yield following evaluation of abnormal pulse detected using Apple Watch. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1359-1363.	2.2	40
21	<p></p>Cardiac Electronic Devices: Future Directions and Challenges</p>. Medical Devices: Evidence and Research, 2020, Volume 13, 325-338.	0.4	12
22	Identification of undiagnosed atrial fibrillation patients using a machine learning risk prediction algorithm and diagnostic testing (PULsE-AI): Study protocol for a randomised controlled trial. Contemporary Clinical Trials, 2020, 99, 106191.	0.8	14
23	Consumer-led screening for atrial fibrillation using consumer-facing wearables, devices and apps: A survey of health care professionals by AF-SCREEN international collaboration. European Journal of Internal Medicine, 2020, 82, 97-104.	1.0	38
24	Forecast of paroxysmal atrial fibrillation using a deep neural network. , 2020, , .		5
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33	Screening for atrial fibrillation: predicted sensitivity of short, intermittent electrocardiogram recordings in an asymptomatic at-risk population. Europace, 2020, 22, 1781-1787.	0.7	24
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40	Pre-symptomatic detection of COVID-19 from smartwatch data. <i>Nature Biomedical Engineering</i> , 2020, 4, 1208-1220.	11.6	304
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42	What Is the Ideal Blood Pressure Treatment Target for Primary Prevention and Management of Atrial Fibrillation?. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 586183.	1.1	2
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45	Artificial Intelligence Applications to Improve Risk Prediction Tools in Electrophysiology. <i>Current Cardiovascular Risk Reports</i> , 2020, 14, 1.	0.8	4
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47	Artificial intelligence mobile health platform for early detection of COVID-19 in quarantine subjects using a wearable biosensor: protocol for a randomised controlled trial. <i>BMJ Open</i> , 2020, 10, e038555.	0.8	78
49	Role of wearable rhythm recordings in clinical decision makingâ€”The <scp>wEHRables</scp> project. <i>Clinical Cardiology</i> , 2020, 43, 1032-1039.	0.7	38
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57	Commentary: The end of one journey is the beginning of the next. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 162, 1170-1171.	0.4	0
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59	The 2020 Canadian Cardiovascular Society/Canadian Heart Rhythm Society Comprehensive Guidelines for the Management of Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1847-1948.	0.8	313
60	An Evaluation of Biometric Monitoring Technologies for Vital Signs in the Era of COVIDâ€™19. <i>Clinical and Translational Science</i> , 2020, 13, 1034-1044.	1.5	40

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61	Digital crowdsourcing: unleashing its power in rheumatology. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1139-1140.	0.5	17
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74	Big Data and Actuarial Science. <i>Big Data and Cognitive Computing</i> , 2020, 4, 40.	2.9	11
75	Stroke Prevention in Atrial Fibrillation. <i>Circulation</i> , 2020, 142, 2371-2388.	1.6	44
76	Survey of current perspectives on consumer-available digital health devices for detecting atrial fibrillation. <i>Cardiovascular Digital Health Journal</i> , 2020, 1, 21-29.	0.5	28
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80	Atrial fibrillation monitoring with wrist-worn photoplethysmography-based wearables: State-of-the-art review. <i>Cardiovascular Digital Health Journal</i> , 2020, 1, 45-51.	0.5	15

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82	Advances in Clinical Cardiology 2019: A Summary of Key Clinical Trials. <i>Advances in Therapy</i> , 2020, 37, 2620-2645.	1.3	5
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88	Common wearable devices demonstrate variable accuracy in measuring heart rate during supraventricular tachycardia. <i>Heart Rhythm</i> , 2020, 17, 854-859.	0.3	25
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96	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. <i>Journal of Arrhythmia</i> . 2020. 36. 553-607.	0.5	40
97	European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. <i>Heart Rhythm</i> , 2020, 17, e269-e316.	0.3	15
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100	The Role of Wearables in Heart Failure. <i>Current Heart Failure Reports</i> , 2020, 17, 125-132.	1.3	52
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116	Avoiding Stroke: A Continuous Monitoring Challenge. <i>Cerebrovascular Diseases</i> , 2020, 49, 121-123.	0.8	1
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133	Self-palpation for detection of paroxysmal atrial fibrillation: Much noise with little signal. <i>PLoS Medicine</i> , 2020, 17, e1003098.	3.9	1
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145	Noninvasive Continuous Monitoring of Vital Signs With Wearables: Fit for Medical Use?. Journal of Diabetes Science and Technology, 2021, 15, 34-43.	1.3	24
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162	Stroke prevention strategies in high-risk patients with atrial fibrillation. <i>Nature Reviews Cardiology</i> , 2021, 18, 276-290.	6.1	36
163	Frequency, Trends, and Outcomes of Cerebrovascular Events Associated With Atrial Fibrillation Hospitalizations. <i>American Journal of Cardiology</i> , 2021, 138, 53-60.	0.7	1
164	Estudio RITHMI, capacidad diagn“stica de un monitor de ritmo cardiaco para la detecci“n autom“tica de fibrilaci“n auricular. <i>Revista Espanola De Cardiologia</i> , 2021, 74, 602-607.	0.6	1
165	Wearable Devices to Monitor and Reduce the Risk of Cardiovascular Disease: Evidence and Opportunities. <i>Annual Review of Medicine</i> , 2021, 72, 459-471.	5.0	37
166	Selecci“n de lo mejor del a“o 2020 en arritmias cardiacas. <i>REC: CardioClinics</i> , 2021, 56, 41-47.	0.1	0
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347	HRS White Paper on Clinical Utilization of Digital Health Technology. <i>Cardiovascular Digital Health Journal</i> , 2021, 2, 196-211.	0.5	9
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352	Artificial intelligence in the diagnosis and management of arrhythmias. <i>European Heart Journal</i> , 2021, 42, 3904-3916.	1.0	45
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