Physical Activity Assessment Using an Activity Tracker in Patients with Rheumatoid Arthritis and Axial Spondyloarthritis: Prospective Observational Study

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#	Paper	IF	Citations
42	Effect of high-intensity interval training on cardiovascular disease risk factors and body composition in psoriatic arthritis: a randomised controlled trial. *RMD Open*, **2018**, 4, e000729	5.9	8
41	Use of Physical Activity Monitors in Rheumatic Populations. *Current Rheumatology Reports*, **2018**, 20, 73	4.9	2
40	Assessing Physical Activity and Sleep in Axial Spondyloarthritis: Measuring the Gap. *Rheumatology and Therapy*, **2019**, 6, 487-501	4.4	8
39	The promise and perils of 'Big Data': focus on spondyloarthritis. *Current Opinion in Rheumatology*, **2019**, 31, 355-361	5.3	1
38	Use of Wearable Activity Trackers to Improve Physical Activity Behavior in Patients With Rheumatic and Musculoskeletal Diseases: A Systematic Review and Meta-Analysis. *Arthritis Care and Research*, **2019**, 71, 758-767	4.7	30
37	Using Physical Activity Trackers in Arthritis Self-Management: A Qualitative Study of Patient and Rehabilitation Professional Perspectives. *Arthritis Care and Research*, **2019**, 71, 227-236	4.7	5
36	Detection of Flares by Decrease in Physical Activity, Collected Using Wearable Activity Trackers in Rheumatoid Arthritis or Axial Spondyloarthritis: An Application of Machine Learning Analyses in Rheumatology. *Arthritis Care and Research*, **2019**, 71, 1336-1343	4.7	47
35	Big Data and artificial intelligence: Will they change our practice?. *Joint Bone Spine*, **2020**, 87, 107-109	2.9	8
34	Big data et analyses par intelligence artificielle: Les données de grande ampleur vont-elles modifier notre pratique?. *Revue Du Rhumatisme (Edition Francaise)*, **2020**, 87, 85-88	0.1	1
33	Wearable Activity Trackers in the Management of Rheumatic Diseases: Where Are We in 2020?. *Sensors*, **2020**, 20,	3.8	9
32	[Perspectives for rheumatological health services research at the German Rheumatism Research Center]. *Zeitschrift Fur Rheumatologie*, **2020**, 79, 1003-1008	1.9	
31	Physical Activity Patterns in People With Inflammatory Arthritis Indicate They Have not Received Recommendation-Based Guidance From Health Care Providers. *ACR Open Rheumatology*, **2020**, 2, 582-587	3.5	3
30	A Thorough Examination of Morning Activity Patterns in Adults with Arthritis and Healthy Controls Using Actigraphy Data. *Digital Biomarkers*, **2020**, 4, 78-88	7.1	5
29	Prevention and adherence in Rheumatic and Musculoskeletal disease. *Best Practice and Research in Clinical Rheumatology*, **2020**, 34, 101525	5.3	0
28	Big data and data processing in rheumatology: bioethical perspectives. *Clinical Rheumatology*, **2020**, 39, 1007-1014	3.9	9
27	Longterm Effect on Leisure Time Physical Activity Level in Individuals with Axial Spondyloarthritis: Secondary Analysis of a Randomized Controlled Trial. *Journal of Rheumatology*, **2020**, 47, 1189-1197	4.1	5
26	The Perspectives of Persons with Arthritis on the Use of Wearable Technology to Self-Monitor Physical Activity: A Qualitative Evidence Synthesis. *Arthritis Care and Research*, **2021**,	4.7	2

25	Physical activity patterns, adherence to using a wearable activity tracker during a 12-week period and correlation between self-reported function and physical activity in working age individuals with hip and/or knee osteoarthritis. *BMC Musculoskeletal Disorders*, **2021**, 22, 450	2.8	2
24	Activit physique au cours des rhumatismes inflammatoires. *Revue Du Rhumatisme Monographies*, **2021**, 88, 187-193	0	0
23	Middle-Aged Men With HIV Have Diminished Accelerometry-Based Activity Profiles Despite Similar Lab-Measured Gait Speed: Pilot Study. *JMIR MHealth and UHealth*, **2019**, 7, e11190	5.5	6
22	Asynchronous mHealth Interventions in Rheumatoid Arthritis: Systematic Scoping Review. *JMIR MHealth and UHealth*, **2020**, 8, e19260	5.5	8
21	Wearable activity trackers and artificial intelligence in the management of rheumatic diseases : Where are we in 2021?. *Zeitschrift Fur Rheumatologie*, **2021**, 80, 928-935	1.9	1
20	Middle-Aged Men With HIV Have Diminished Accelerometry-Based Activity Profiles Despite Similar Lab-Measured Gait Speed: Pilot Study (Preprint).		
19	Use of fitness trackers in patient-centred healthcare research: a systematic review (Preprint).		
18	Influence of perceived barriers and facilitators for physical activity on physical activity levels in patients with rheumatoid arthritis or spondyloarthritis: a cross-sectional study of 150 patients. *BMC Musculoskeletal Disorders*, **2021**, 22, 915	2.8	2
17	Asynchronous mHealth Interventions in Rheumatoid Arthritis: Systematic Scoping Review (Preprint).		
16	Fluctuation of pain is frequent in rheumatoid arthritis and axial spondyloarthritis: A 12 weeks prospective study of 165 patients. *Joint Bone Spine*, **2021**, 89, 105306	2.9	2
15	Objective Measurements of Physical Activity and Sedentary Behavior Using Wearable Devices in Patients With Axial Spondyloarthritis: Protocol for a Systematic Review. *JMIR Research Protocols*, **2021**, 10, e23359	2	0
14	Objective Measurements of Physical Activity and Sedentary Behavior Using Wearable Devices in Patients With Axial Spondyloarthritis: Protocol for a Systematic Review (Preprint).		
13	Adherence, Efficacy, and Safety of Wearable Technology Assisted Combined Home-Based Exercise in Chinese Patients With Ankylosing Spondylitis: Randomized Pilot Controlled Clinical Trial (Preprint).		
12	Adherence, Efficacy, and Safety of Wearable Technology-Assisted Combined Home-Based Exercise in Chinese Patients With Ankylosing Spondylitis: Randomized Pilot Controlled Clinical Trial.. *Journal of Medical Internet Research*, **2022**, 24, e29703	7.6	1
11	Responsiveness of an activity tracker as a measurement tool in a knee osteoarthritis clinical trial (ACTIVe-OA study). *Annals of Physical and Rehabilitation Medicine*, **2021**, 101619	3.8	0
10	A Yoga Exercise App designed for Patients with Axial Spondylarthritis: a development and user experience study (Preprint). *JMIR Formative Research*,	2.5	0
9	The Use of Consumer Wearable Physical Activity Monitors in Clinical Populations with Functional Limitations.. **2021**, 3, 73-90		
8	Impact of a Wearable Activity Tracker on Disease Flares in Spondyloarthritis: A Randomized Controlled Trial. *Journal of Rheumatology*, jrheum.220140	4.1	0

7	Wearables for Measuring the Physical Activity and Sedentary Behavior of Patients With Axial Spondyloarthritis: Systematic Review. **2022**, 10, e34734	0
6	Inflammatory Arthritis Facilitators and Barriers (IFAB) for physical activity questionnaire: cross-cultural adaptation into Turkish and evaluation of its psychometric properties. 1-8	
5	Experiences of activity monitoring and perceptions of digital support among working individuals with hip and knee osteoarthritis a focus group study. **2022**, 22,	0
4	Engagement and attrition with eHealth tools for remote monitoring in chronic arthritis: a systematic review and meta-analysis. **2022**, 8, e002625	0
3	Activit physique (AP) dans les rhumatismes inflammatoires chroniques´: trajectoires de sant et promotion de l AP. **2023**,	0
2	R ducation dans les formes axiales et p iph riques de rhumatismes inflammatoires. **2023**,	0
1	Self-report and device-based physical activity measures and adherence to physical activity recommendations: a cross-sectional survey among people with inflammatory joint disease in four European countries. **2023**, 13, e064278	0