

Publicações Científicas

Sword Health · Artigos publicados em revistas científicas com revisão por pares

2011 1 artigo

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|---|-----------|---|
| 1 | 08/1
1 | Towards a movement quantification system capable of automatic evaluation of upper limb motor function after neurological injury
https://pubmed.ncbi.nlm.nih.gov/22255572/ |
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2012 2 artigos

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| 2 | 06/1
2 | The vibratory stimulus as a neurorehabilitation tool for stroke patients: proof of concept and tolerability test
https://pubmed.ncbi.nlm.nih.gov/22672942/ |
| 3 | 09/1
2 | The SWORD Tele-Rehabilitation System
https://pubmed.ncbi.nlm.nih.gov/22942034/ |

2013 1 artigo

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| 4 | 08/1
3 | The potential of motion quantification systems in the automatic evaluation of motor function after stroke
https://www.nature.com/articles/srep05670 |
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2014 2 artigos

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| 5 | 07/1
4 | Motor task performance under vibratory feedback early post-stroke: single center, randomized, cross-over, controlled clinical trial
https://pubmed.ncbi.nlm.nih.gov/25280582/ |
| 6 | 12/1
4 | A novel system for automatic classification of upper limb motor function after stroke: an exploratory study
https://www.mdpi.com/1424-8220/20/21/6383 |

2017 2 artigos

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| 7 | 10/1
7 | Motor Task Performance under Visual and Auditory Feedback Post Stroke: A Randomised Crossover Trial
https://www.hilarispublisher.com/abstract/motor-task-performance-under-visual-and-auditory-feedback-post-stroke-a-randomised-crossover-trial-43756.html |
| 8 | 12/1
7 | Treatment of Low Back Pain with a Digital Multidisciplinary Pain Treatment App: Short-Term Results
https://rehab.jmir.org/2017/2/e11/ |

2018 3 artigos

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| 9 | 06/1
8 | Implementing Systematically Collected User Feedback to Increase User Retention in a Mobile App for Self-Management of Chronic Back Pain
https://pmc.ncbi.nlm.nih.gov/articles/PMC6010841/ |
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1 07/1 **Home-based Rehabilitation With a Novel Digital Biofeedback System versus Conventional**
0 8 **In-person Rehabilitation After Total Knee Replacement: a feasibility study**
<https://www.nature.com/articles/s41598-018-29668-0>

1 11/1 **Digitalizing multidisciplinary pulmonary rehabilitation in COPD with a smartphone**
1 8 **application**
<https://www.dovepress.com/digitalizing-multidisciplinary-pulmonary-rehabilitation-in-copd-with-a-peer-reviewed-fulltext-article-COPD>

2019 3 artigos

1 02/1 **Medium-Term Outcomes of Digital Versus Conventional Home-Based Rehabilitation After**
2 9 **Total Knee Arthroplasty: Prospective, Parallel-Group Feasibility Study**
<https://rehab.jmir.org/2019/1/e13111/>

1 05/1 **App-based multidisciplinary back pain treatment versus combined physiotherapy plus**
3 9 **online education: a randomized controlled trial**
<https://www.dovepress.com/getfile.php?fileID=77474>

1 06/1 **Digital Versus Conventional Rehabilitation After Total Hip Arthroplasty: A Single-Center,**
4 9 **Parallel-Group Pilot Study**
<https://www.nature.com/articles/s41746-019-0109-x>

2020 3 artigos

1 05/2 **Less Pain, Better Sleep? The Effect of a Multidisciplinary Back Pain App on Sleep Quality in**
5 0 **Individuals with Chronic Back Pain**
<https://www.dovepress.com/less-pain-better-sleep-the-effect-of-a-multidisciplinary-back-pain-app-peer-reviewed-fulltext-article-JPR>

1 07/2 **Digital Treatment of Back Pain versus Standard of Care: The Cluster-Randomized Controlled**
6 0 **Trial, Rise-uP**
<https://www.dovepress.com/digital-treatment-of-back-pain-versus-standard-of-care-the-cluster-randomized-controlled-trial-peer-reviewed-fulltext-article-JPR>

1 10/2 **Attitudes and Expectations of Health Care Professionals Toward App-Based Therapy in**
7 0 **Patients with Musculoskeletal Disorders**
<https://mhealth.jmir.org/2020/10/e21704/>

2021 3 artigos

1 07/2 **App-Based Feedback for Rehabilitation Exercise Correction in Patients With Knee or Hip**
8 1 **Arthroplasty**
<https://humanfactors.jmir.org/2021/4/e25453>

1 09/2 **Digital Rehabilitation for Acute Ankle Sprains: Prospective Longitudinal Cohort Study**
9 1
<https://www.jmir.org/2021/7/e26658>

2 11/2 **Using Postmarket Surveillance to Assess Safety-Related Events in a Digital Rehabilitation**
0 1 **App (Kaia App)**
<https://rehab.jmir.org/2021/3/e31247/>

2022 12 artigos

2	01/2	Telerehabilitation of acute musculoskeletal multi-disorders: prospective, single-arm, interventional study
1	2	https://www.dovepress.com/getfile.php?fileID=81891
2	01/2	Asynchronous and Tailored Digital Rehabilitation of Chronic Shoulder Pain: A Prospective Longitudinal Cohort Study
2	2	https://www.mdpi.com/1660-4601/19/15/9198
2	03/2	Digitally Assisted Versus Conventional Home-Based Rehabilitation After Arthroscopic Rotator Cuff Repair: A Randomized Controlled Trial
3	2	https://journals.lww.com/ajpmr/Fulltext/2022/03000/Digitally_Assisted_Versus_Conventional_Home_Based.6.aspx
2	04/2	Using a smartphone application maintains physical activity following pulmonary rehabilitation in people with COPD
4	2	https://thorax.bmj.com/content/78/5/442
2	07/2	Digital Rehabilitation for Acute Low Back Pain: A Prospective Longitudinal Cohort Study
5	2	https://www.biomedcentral.com/epdf/10.1186/s12891-021-04891-5?sharing_token=zlaN3ED46StojPevBKb8fW_BpE1tBhCbnbw3Buzl2RMjhzVY19yOKZY_I72xo9g1RtGdVILZ4Oi0nIEWFsB53X9Tlbvhllyn-dpStXPCGg8_JxQ8fbwYtDMPQj26GzVVEt673WfvpqQdYvV2NVvVheIP9d1BiqSNEPUIsPJxs5K0%3D
2	07/2	Impacts of Digital Care Programs for Musculoskeletal Conditions on Depression and Work Productivity: Longitudinal Cohort Study
6	2	https://www.jmir.org/2022/7/e38942
2	07/2	Digital Rehabilitation for Elbow Pain Musculoskeletal Conditions: A Prospective Longitudinal Cohort Study
7	2	https://www.mdpi.com/2227-9032/10/8/1595
2	08/2	Digital rehabilitation for hand and wrist pain: a single-arm prospective longitudinal cohort study
8	2	https://journals.lww.com/painrpts/Fulltext/2022/10000/Digital_rehabilitation_for_hand_and_wrist_pain__a.8.aspx
2	10/2	Racial and ethnic differences in outcomes of a 12-week digital rehabilitation program for musculoskeletal pain: a prospective longitudinal cohort study
9	2	https://www.jmir.org/2022/10/e41306
3	10/2	Fear Avoidance Beliefs in Upper-Extremity Musculoskeletal Pain Conditions: Secondary Analysis of a Prospective Clinical Study on Digital Care Programs
0	2	https://academic.oup.com/painmedicine/advance-article/doi/10.1093/pm/pnac149/6749595?guestAccessKey=54ca17c7-d004-4774-8a79-08f71137a56b
3	11/2	Long-Term Clinical Outcomes of a Remote Digital Musculoskeletal Program: An Ad Hoc Analysis from a Longitudinal Study with a Non-Participant Comparison Group
1	2	https://www.mdpi.com/2227-9032/10/12/2349/htm
3	12/2	Impact on productivity impairment of a digital care program for chronic low back pain: a prospective longitudinal cohort study
2	2	https://www.sciencedirect.com/science/article/pii/S2468781222002107

2023 7 artigos

3	01/2	Sleep disturbance in Musculoskeletal Conditions: Impact of a Digital Care Program
3	3	https://www.tandfonline.com/doi/full/10.2147/JPR.S394421
3	03/2	Engagement and utilization of a complete remote digital care program for musculoskeletal pain management in urban and rural areas across the US: Longitudinal Cohort Study
4	3	https://mhealth.jmir.org/2023/1/e44316/

3 5	06/2 3	Asynchronous technology-assisted rehabilitation in Musculoskeletal Care: A Systematic Review https://rehab.jmir.org/2023/1/e49673
3 6	07/2 3	Randomized-controlled trial assessing a digital care program versus conventional physiotherapy for chronic low back pain https://www.nature.com/articles/s41746-023-00870-3
3 7	08/2 3	Comparing Digital to Conventional Physical Therapy for Chronic Shoulder Pain: Randomized Controlled Trial https://www.jmir.org/2023/1/e49236
3 8	08/2 3	Managing Musculoskeletal Pain in Older Adults Through a Digital Care Solution: Secondary Analysis of a Prospective Clinical Study https://www.nature.com/articles/s41746-023-00936-2
3 9	12/2 3	Digital health coaching to improve patient preparedness for elective lower limb arthroplasty: a quality improvement project https://bmjopenquality.bmj.com/content/12/4/e002244

2024 9 artigos

4 0	01/2 4	Digital Care Program for Urinary Incontinence in Females: A Large-Scale, Prospective, Cohort Study https://www.mdpi.com/2227-9032/12/2/141
4 1	06/2 4	Medical App Treatment of Non-Specific Low Back Pain in the 12-month Cluster-Randomized Controlled Trial https://www.dovepress.com/medical-app-treatment-of-non-specific-low-back-pain-in-the-12-month-cl-peer-reviewed-full-text-article-JPR
4 2	07/2 4	Applying AI to Safely and Effectively Scale Care to Address Chronic MSK Conditions https://www.mdpi.com/2077-0383/13/15/4366
4 3	07/2 4	Recovering work productivity in a population with chronic musculoskeletal pain: unveiling the value and cost-savings of a digital care program https://journals.lww.com/joem/abstract/9900/recovering_work_productivity_in_a_population_with.621.aspx
4 4	07/2 4	Transforming Veteran Rehabilitation Care: Learnings from a Remote Digital Approach for Musculoskeletal Pain https://www.mdpi.com/2227-9032/12/15/1518
4 5	10/2 4	Exploring the Importance of Race and Gender Concordance Between Patients and Physical Therapists in Digital Rehabilitation for Musculoskeletal Conditions https://journals.sagepub.com/doi/full/10.1177/20552076231176696
4 6	11/2 4	Predicting Pain Response to a Remote Musculoskeletal Care Program for Low Back Pain Management: Development of a Prediction Tool https://medinform.jmir.org/2024/1/e64806/
4 7	12/2 4	The rise of AI in health care: transforming the future https://journals.lww.com/jisprm/fulltext/2024/12000/the_rise_of_ai_in_health_care__transforming_the.1.aspx
4 8	12/2 4	Smartphone application-based pulmonary rehabilitation in COPD: a multicentre randomised controlled trial https://thorax.bmj.com/content/80/4/209

2025 5 artigos

4 9	01/2 5	Evaluating Digital Rehabilitation Outcomes in Chronic Musculoskeletal Conditions Across Non-Obesity, Obesity, and Severe Obesity https://www.dovepress.com/evaluating-digital-rehabilitation-outcomes-in-chronic-musculoskeletal-peer-reviewed-fulltext-article-JPR
5 0	01/2 5	Are depression, anxiety, and fear-avoidance predictors of outcomes after digital care for chronic musculoskeletal pain? https://www.jmir.org/2025/1/e82573
5 1	04/2 5	Innovating Care for Postmenopausal Women Using a Digital Approach for Pelvic Floor Dysfunctions: Prospective Longitudinal Cohort Study https://mhealth.jmir.org/2025/1/e68242/
5 2	08/2 5	Are depression, anxiety, and fear-avoidance predictors of outcomes after digital care for chronic musculoskeletal pain? (updated cohort) https://pubmed.ncbi.nlm.nih.gov/41626740/
5 3	09/2 5	Economic Impact of Digital Musculoskeletal Care versus In-person Physical Therapy https://pubmed.ncbi.nlm.nih.gov/41733548/

2026 3 artigos

5 4	02/2 6	Predicting Pain Outcomes after Digital Care in Chronic Spinal Pain https://pmc.ncbi.nlm.nih.gov/articles/PMC12369798/
5 5	02/2 6	Psychological Mediators in Chronic Spinal Pain After Fully Remote Digital Rehabilitation: A Real-World, Large-Sample Study https://www.archives-pmr.org/article/S0003-9993%2825%2900928-1/fulltext
5 6	02/2 6	Breaking Barriers in Women's Pelvic Health: Claims-Based Economic Analysis and Healthcare Utilization of an AI-Powered Digital Care Program https://pubmed.ncbi.nlm.nih.gov/41629208/