

Supplementary File S1. Complete Search Strategies

Scopus

Interface: Scopus web interface. Records retrieved: 1,162.

TITLE-ABS-KEY(("generative artificial intelligence" OR "generative AI" OR GenAI OR "large language model" OR "large language models" OR LLM OR LLMs OR ChatGPT OR "Chat GPT" OR "GPT-4" OR "GPT-4o" OR "GPT-5" OR "foundation model" OR "foundation models" OR "multimodal large language model" OR "multimodal large language models" OR Gemini OR Claude OR LLaMA OR DeepSeek OR Copilot OR Perplexity OR Mistral OR Grok) AND (rehabilitation OR rehabilitative OR "physical and rehabilitation medicine" OR "physical medicine and rehabilitation" OR physiatry OR physiotherapy OR "physical therapy" OR "occupational therapy" OR "exercise therapy" OR neurorehabilitation OR telerehabilitation OR "tele-rehabilitation"))

PubMed

Interface: PubMed web interface. Records retrieved: 537.

(("Generative Artificial Intelligence"[Mesh] OR "generative artificial intelligence"[Title/Abstract] OR "generative AI"[Title/Abstract] OR GenAI[Title/Abstract] OR "large language model"[Title/Abstract] OR "large language models"[Title/Abstract] OR LLM[Title/Abstract] OR LLMs[Title/Abstract] OR ChatGPT[Title/Abstract] OR "Chat GPT"[Title/Abstract] OR "GPT-4"[Title/Abstract] OR "GPT-4o"[Title/Abstract] OR "GPT-5"[Title/Abstract] OR "foundation model"[Title/Abstract] OR "foundation models"[Title/Abstract] OR "multimodal large language model"[Title/Abstract] OR "multimodal large language models"[Title/Abstract] OR Gemini[Title/Abstract] OR Claude[Title/Abstract] OR LLaMA[Title/Abstract] OR DeepSeek[Title/Abstract] OR Copilot[Title/Abstract] OR Perplexity[Title/Abstract] OR Mistral[Title/Abstract] OR Grok[Title/Abstract]) AND ("Rehabilitation"[Mesh] OR rehabilitation[Title/Abstract] OR rehabilitative[Title/Abstract] OR "physical and rehabilitation medicine"[Title/Abstract] OR "physical medicine and rehabilitation"[Title/Abstract] OR physiatry[Title/Abstract] OR physiotherapy[Title/Abstract] OR "physical therapy"[Title/Abstract] OR "occupational therapy"[Title/Abstract] OR "exercise therapy"[Title/Abstract] OR neurorehabilitation[Title/Abstract] OR telerehabilitation[Title/Abstract] OR "tele-rehabilitation"[Title/Abstract]))

Table S1: List of the included records.

Source coverage	Title	Year	DOI
Both	AI-Driven Revolution of Medical Robotics Across Surgical Innovation, Rehabilitation Intelligence, and Multimodal Healthcare Delivery	2026	10.1002/mco2.70597
Both	Artificial Intelligence Large Language Models for Pelvic Floor Rehabilitation: Readability, Usability and Consistency	2026	10.1002/nau.70385
Both	Artificial intelligence versus physical medicine and rehabilitation residents: Can ChatGPT compete in clinical exam performance?	2026	10.1002/pmrj.70032
Both	Shaping AI in Pelvic Floor Physiotherapy: The Impact of Role-Play Prompting on ChatGPT Response Quality	2026	10.1007/s00192-026-06727-z
PubMed only	An expert-based assessment of the quality, reliability, understandability, and readability of ChatGPT responses on cerebral palsy.	2026	10.1007/s00381-026-07444-0
Both	Evaluation of the quality, reliability, and readability of ChatGPT-4 responses related to the treatment and rehabilitation of children with cerebral palsy	2026	10.1007/s00431-026-06979-3
Both	Artificial intelligence in cancer survivorship: evaluating ChatGPT's performance in rehabilitation-related queries	2026	10.1007/s00520-026-10681-3
Both	Multi-criteria evaluation of clinical decision-making performance in spinal neurosurgery and physical therapy scenarios: A comparative analysis of artificial intelligence models	2026	10.1007/s00586-026-09795-3
Both	Validation of a Large Language Model Enhanced Frailty Index	2026	10.1007/s10916-026-02384-3
Scopus only	Development and expert validation of human–ChatGPT collaborative spinal de-loading exercise protocol for individuals with chronic non-specific low back pain	2026	10.1007/s11332-026-01914-3
Scopus only	The role of LLM-powered chatbots in assisting elderly people: systematic review	2026	10.1007/s13721-025-00698-9
Both	Toward intelligent clinical support for personalized sport training rehabilitation via large language models	2026	10.1007/s13755-025-00416-9
Both	ProsthetiX-AI: An LLM-based clinical decision support system for evidence-based prosthetic recommendations	2026	10.1007/s13755-026-00454-x
Both	A novel deep learning approach for privacy-preserving encoded EEG-based brain-computer interfaces with clinical LLM applications	2026	10.1007/s13755-026-00470-x
Scopus only	An Agentic AI-Empowered product family configuration approach for personalizing rehabilitation assistive devices with Multi-Faceted wearing experience	2026	10.1016/j.aei.2026.104695
Both	Open Notes in Brain Injury Rehabilitation Part 2: Provider and Patient Preferences for Artificial Intelligence Solutions	2026	10.1016/j.apmr.2025.11.016
Scopus only	Acceptance and Use of Generative AI in Clinical Rehabilitation: An Interdisciplinary Survey of US Rehabilitation Professionals	2026	10.1016/j.arrct.2025.100571
Both	Rehabilitation movement simulation via joint angle-based generative AI	2026	10.1016/j.artmed.2026.103488
Scopus only	Parsing and prioritizing users' evolving requirements with large language models: A case study in personalized rehabilitation assistive devices design	2026	10.1016/j.cie.2026.111878
Scopus only	Large language model-assisted virtual reality application for fibromyalgia neuropathic pain rehabilitation integrated with traditional Chinese Tai Chi: An interaction design perspective with EEG-Based cognitive assessment	2026	10.1016/j.displa.2026.103558
Both	An AI-Assisted Adaptive Boolean Rubric for exercise prescription evaluation: A pilot validation study	2026	10.1016/j.ijmedinf.2025.106202
Both	Cross-model consistency of AI-generated exercise prescriptions: A repeated generation study across three large language models	2026	10.1016/j.ijmedinf.2026.106594
Both	Evaluation of the Quality, Reliability, and Readability of ChatGPT-4 Responses on Exercise and Rehabilitation Strategies for Adolescent Myositis	2026	10.1016/j.jadohealth.2025.09.015

Both	Evaluating ChatGPT-generated psychoeducation for mood disorders: comparative insights from patients and mental health professionals	2026	10.1016/j.jpsychires.2025.11.039
Both	Use of ChatGPT in physical therapy education: Comparative study of usefulness to students and ease of use perceptions, and descriptions of usage patterns	2026	10.1016/j.jtumed.2026.01.006
Scopus only	Impact of large language Model (LLM) use on the development of clinical reasoning in undergraduate physical therapy education; [Effet d'un modèle de langage large (LLM) sur le raisonnement clinique : Essai pilote randomisé contrôlé chez des étudiants en kinésithérapie]	2026	10.1016/j.kine.2026.05.006
Both	Automated prescription of therapeutic exercise for shoulder impingement syndrome using literature-driven rule generation architecture	2026	10.1016/j.msksp.2026.103520
Both	Diagnostic utility of artificial intelligence in musculoskeletal physical therapy: A comparison with physical therapists	2026	10.1016/j.msksp.2026.103585
Both	ChatGPT-assisted pain history-taking system for musculoskeletal rehabilitation: Development and preliminary psychometric validation	2026	10.1016/j.msksp.2026.103594
Both	Evaluating ChatGPT's advice and recommendations regarding exercise for people with inclusion body myositis	2026	10.1016/j.nmd.2026.106418
Both	Evaluation of ChatGPT accuracy and reliability in answering questions about exercise recommendations for breast cancer survivors	2026	10.1016/j.physio.2025.101838
Both	Usefulness of ChatGPT in physiotherapy practice: A scoping review	2026	10.1016/j.physio.2026.102337
PubMed only	ChatGPT in intervention planning: Advancing clinical relevance and targeted care in cognitive rehabilitation.	2026	10.1037/neu0001088
PubMed only	SONIVA database: Speech recognition validation in aphasia.	2026	10.1038/s41597-026-07596-3
Both	Preclinical Dialogue Simulation: Evaluating Response Accessibility in Conversational Artificial Intelligence for Aphasia Therapy	2026	10.1044/2026_jslhr-26-00031
Scopus only	Large language model-enabled multi-agent self-organised approach for personalised rehabilitation assistive devices design	2026	10.1080/00207543.2025.2509155
Both	Virtual patients, real conversations: ChatGPT advanced voice mode for pain communication training	2026	10.1080/0142159x.2025.2536149
Both	Evaluating AI in postoperative rehabilitation of axillary web syndrome after breast cancer surgery: ChatGPT vs DeepSeek	2026	10.1080/01443615.2026.2695784
Both	Physical therapists' perspectives on a large language model-powered knowledge translation tool for guideline adherence: A qualitative focus group study	2026	10.1080/09593985.2025.2606058
Scopus only	Speaking with LLMs: Co-Designing Voice Interaction Patterns with Blind and Visually Impaired Users	2026	10.1080/10447318.2026.2688501
Both	A comparative study of ChatGPT and DeepSeek in spinal cord injury patient education: Can artificial intelligence "speak" spinal cord injury?	2026	10.1080/10790268.2025.2554013
PubMed only	A scoping review of inclusive and adaptive human-AI interaction design for neurodivergent users.	2026	10.1080/17483107.2025.2579822
Both	Generative AI in disability-inclusive learning: a bibliometric and systematic literature analysis	2026	10.1080/17483107.2026.2653073
Both	Generative AI as a cognitive assistive technology for adults with dyslexia: the role of anxiety, working memory, and metacognitive regulation	2026	10.1080/17483107.2026.2715246
Both	GPT-4o in Nutrition for Inpatients Undergoing Post-Stroke Rehabilitation: Identifying Dietary Errors, Exploring Expert-AI Rationale Differences, and Structuring AI-Expert Collaboration	2026	10.1080/27697061.2025.2571878
PubMed only	MedADL: high-throughput information extraction of functional status from electronic health records to advance frailty assessment in older adults.	2026	10.1093/gerona/glag154
Scopus only	Smart Answers, Hard to Read: Accuracy and Readability of Chatbots on FAQs Regarding Osseointegration for Limb Prosthetics - A Mixed Method Study	2026	10.1097/jpo.0000000000000645
Both	Leveraging Retrieval-Augmented Generation (RAG) Technology for Enhanced Accreditation Preparedness and Compliance in Physical Therapy Education	2026	10.1097/jte.0000000000000486

PubMed only	A Large Language Model Approach to Functional Status Scale Assessment.	2026	10.1097/pcc.0000000000003916
Both	MBBo-RPSLD: Training a Multimodal BlenderBot for Rehabilitation in Post-Stroke Language Disorder	2026	10.1109/jbhi.2025.3554331
Scopus only	Generative AI Empowers Brain-Computer Interfaces: A Review-Perspective on Technical Realities and Future Visions	2026	10.1109/tce.2025.3650654
Both	An AI-Driven Multimodal Smart Home Platform for Continuous Monitoring and Assistance in Post-Stroke Motor Impairment	2026	10.1109/tnsre.2025.3645093
Both	Evaluating AI-Based Chatbots for Exercise and Rehabilitation Strategies in Patients With Rheumatoid Arthritis: Quality, Reliability Accuracy and Readability Analysis	2026	10.1111/1756-185x.70676
Scopus only	Artificial Intelligence in Physiotherapy Education: A Multi-Country Middle East Survey of AI Acceptance and Barriers Among University Students	2026	10.1111/ejed.70476
PubMed only	Co-Design and Feasibility Testing of an AI-Based Virtual Reality Application to Prepare People With Intellectual Disability for Healthcare Visits.	2026	10.1111/jar.70219
Scopus only	A personalized emotional therapy system driven by generative artificial intelligence and transformer technology	2026	10.1142/s0219519426400543
Scopus only	Constructing a music therapy system by cyclegan under generative ai empowerment	2026	10.1142/s0219519426400579
Scopus only	Usability of Large Language Models for Developing Exercise-Based Rehabilitation Programs in Patients With Stable Angina	2026	10.1155/ijcp/1434301
PubMed only	Artificial Intelligence in Speech and Language Therapy: A Qualitative Comparative Analysis of Clinical Applications and Outcomes.	2026	10.1177/00469580261445316
Both	Artificial intelligence in occupational therapy: Comparing ChatGPT and occupational therapist approaches in assessment and intervention	2026	10.1177/03080226251368231
PubMed only	Artificial intelligence in clinical occupational therapy: Current and future applications and practitioner insights.	2026	10.1177/10519815261459379
Both	Effects of Augmented Reality Dual-Task Training with ChatGPT-Assisted Development on Strength, Balance, Spatiotemporal Gait Parameters, and Fall-Related Self-Efficacy in Patients with Chronic Stroke: A Randomized Controlled Trial	2026	10.1177/10538135261449483
PubMed only	Evidence-Informed Occupational Therapy Decision Support Using Graph Retrieval-Augmented Generation.	2026	10.1177/15394492261476597
Both	ChatGPT is a concise, comprehensive, and accurate alternative to Google for answering common hand therapy questions	2026	10.1177/17589983261444990
Both	What information is available online for adults with distal radius fracture? Online literature search and synthesis using generative AI	2026	10.1177/17589983261472044
Both	Feasibility and usability of a ChatGPT-based app to support physical activity: A pilot study	2026	10.1177/20552076261417860
PubMed only	A two-stage evaluation of large language models for guideline-based Q&A and draft rehabilitation planning in stroke care.	2026	10.1177/20552076261484840
PubMed only	Can ChatGPT provide reliable guidance to families of children with Duchenne Muscular Dystrophy? A dual perspective of parents and experts.	2026	10.1186/s12887-026-07126-5
Both	Comparison of three large language models in postoperative rehabilitation question answering after anterior cruciate ligament reconstruction based on expert ratings	2026	10.1186/s12891-026-10051-4
Both	Physiotherapy students' acceptance of AI-based chatbots (including ChatGPT) in education: a multi-institutional study from Turkey	2026	10.1186/s12909-025-08535-3
Both	What the performance of multimodal LLMs on a national licensing exam teaches us about occupational therapy education	2026	10.1186/s12909-025-08542-4
PubMed only	ChatGPT in undergraduate speech and language therapy education: students' perspectives and experiences.	2026	10.1186/s12909-026-08833-4
Both	Integrating generative AI into physiotherapy education: students' use, perceptions, and generative AI literacy following curricular adaptations: a repeated cross-sectional programme evaluation	2026	10.1186/s12909-026-10256-0
Both	Benchmarking large language models against human experts in rehabilitation medicine: a multidimensional evaluation	2026	10.1186/s12984-026-01903-0

Both	Large language models in sports injury care: a comparative expert evaluation of GPT-4o and GPT-5	2026	10.1186/s13102-026-01675-z
Both	AI assisted photographic posture evaluation: a comparative study of ChatGPT and expert physiotherapists	2026	10.1186/s13102-026-01812-8
Both	Exploring AI-assisted design of executive function rehabilitation programs for individuals with ADHD: a mixed-methods evaluation of prompts and chatgpt outputs	2026	10.1186/s40359-025-03729-2
Scopus only	Review of Speech Disorder Assessment Methods Driven by Large Language Models	2026	10.11896/jsjx.250300125
Scopus only	Generative artificial intelligence in exercise and physical therapy: a systematic review of emerging evidence and clinical implications	2026	10.12968/ijtr.2025.0131
Both	Comparison of different artificial intelligence tools' answers to questions related to early intervention: ChatGPT versus Gemini	2026	10.1590/1806-9282.20251434
Both	A comparative evaluation of ChatGPT and Gemini for stroke caregiver support: accuracy, safety, and response characteristics	2026	10.1590/1806-9282.20251488
Both	Quality, readability, and patient safety of ChatGPT-generated responses to fall-related questions in older adults: a multidisciplinary evaluation	2026	10.1590/1806-9282.20260388
Both	The GenAI Learning Partner: An Evolving Framework for Personalized and Reflective Artificial Intelligence Use in Occupational Therapy Education	2026	10.21091/jah.2026.02037
Both	The Perspective of Occupational Therapy Students Toward the Use of ChatGPT in Academics in Saudi Arabia: A Qualitative Study	2026	10.2147/amep.s574471
Both	Risk Management of Large Language Model-Based Exercise and Health Guidance: A China-Anchored, Comparatively Informed Six-Dimensional Trigger Matrix and Lifecycle Governance Framework for the Wellness-to-SaMD Continuum	2026	10.2147/rmhp.s624615
Both	A Language Model for Pediatric Occupational Therapy Documentation: Model Development and Pilot Study	2026	10.2196/73274
Both	Developing a Large Language Model-Based Feedback System for Case Report Writing in Rehabilitation Education: Tutorial	2026	10.2196/76924
Both	Exploring the Role of AI in Managing Treatment Recommendations for Lymphedema: International, Multidisciplinary, Multiprofessional Survey Study of Trust, Reliability, and Impact on Decision-Making	2026	10.2196/80553
Both	Leveraging Large Language Models for Early Detection of Anomaly Work Injury Cases: Data-Driven Approach to Rehabilitation Efficiency	2026	10.2196/80607
PubMed only	Personalized Intelligent Chatbot Based on AI-Generated Content Assists Memoir Writing for Older Adults With Cognitive Impairment: Mixed Methods Study.	2026	10.2196/83428
PubMed only	Development and Evaluation of Individualized Music Therapy for Common Mental Disorders: Protocol for a Multistage Study.	2026	10.2196/90617
Both	Can GPT-5 Support Licensing Examination Preparation? Analysis of Accuracy, Reasoning, and Semantic Similarity Across Rehabilitation Disciplines	2026	10.2196/91019
Scopus only	Most frequently asked questions by older adults in geriatric rehabilitation: evaluating large language models as a source of information	2026	10.29400/tjgeri.2026.491
Both	Tests of large language models' medical competence and application for clinical decision support of musculoskeletal rehabilitation	2026	10.3389/fdgth.2025.1719340
Both	Intelligence without intuition: a mixed-methods pilot study on reasoning models in musculoskeletal physiotherapy for low-back pain	2026	10.3389/fdgth.2026.1789412
Both	Applications of natural language processing and large language models in sports injury assessment and rehabilitation decision-making: a scoping review	2026	10.3389/fmed.2026.1866874
Both	Generative AI use and social disparities in pediatric rehabilitation: a cross-sectional study of ChatGPT use among parents of children with speech and language disorders in Türkiye	2026	10.3389/fpubh.2026.1817290
Both	Generative artificial intelligence and large language models in sports medicine: a scoping review of applications, accuracy, and ethical implications	2026	10.3389/fpubh.2026.1843535

PubMed only	Generative artificial intelligence-assisted visual art therapy improves cognition, anxiety, and depression in community-dwelling older adults.	2026	10.3389/fpubh.2026.1874071
Both	Never say never: exploring the effects of knowledge availability on agent persuasiveness in controlled physiotherapy motivation dialogues	2026	10.3389/frai.2026.1810725
PubMed only	Evaluation of AI-generated exercise prescriptions for diverse cardiac conditions in rehabilitation: a simulation study using the DeepSeek model.	2026	10.3389/fresc.2026.1844420
Both	GPT-4 outperforms junior expert physical therapists in sports medicine rehabilitation: an evaluation of AI response quality and adaptiveness	2026	10.3389/fresc.2026.1853016
Both	Human–AI co-research on design and evaluation of Embodied Conversational Agent in rehabilitation contexts	2026	10.3389/frobt.2026.1758391
Scopus only	AI- and Generative AI-Driven Digital Therapeutics: A Critical Narrative Review of Emerging Evidence	2026	10.3390/ai7080296
Scopus only	AI-Powered Physiotherapy: Evaluating LLMs Against Students in Clinical Rehabilitation Scenarios	2026	10.3390/app16031165
Scopus only	A Focused Survey of Generative AI-Based Music Therapy Systems: Recent Progress and Open Challenges	2026	10.3390/app16094120
Scopus only	AI-Enhanced Extended Reality for Rehabilitation in Africa: A Perspective on Explainable Agents, Co-Creation, and Generative Worlds	2026	10.3390/app16104946
Both	PMR-Q&A: Development of a Bilingual Expert-Evaluated Question–Answer Dataset for Large Language Models in Physical Medicine and Rehabilitation	2026	10.3390/bioengineering13010125
Both	Prompt Architecture as a High-Impact Design Factor in Expert-Rated Clinical Documentation Quality: A Controlled Comparative Study in Inpatient Rehabilitation	2026	10.3390/bioengineering13060617
Scopus only	Standardization of Neuromuscular Reflex Analysis—Role of Fine-Tuned Vision-Language Model Consortium and OpenAI gpt-oss Reasoning LLM-Enabled Decision Support System	2026	10.3390/biomechanics6010023
Scopus only	An IoT-Ready Context-Aware Patient State Framework with LLM-Driven Recommendation for Shoulder Rehabilitation	2026	10.3390/electronics15153307
Scopus only	A Review of Research on the Applications of Large Models in Each Functional Module of the Entire Rehabilitation Process	2026	10.3390/fi18020095
Both	Evaluating the Accuracy, Usefulness, and Safety of ChatGPT for Caregivers Seeking Information on Congenital Muscular Torticollis	2026	10.3390/healthcare14020140
Both	Explainability and Human Oversight for AI-Generated Exercise Guidance in Digital Healthcare: A Governance-Oriented Narrative Review	2026	10.3390/healthcare14121716
Both	Evaluation of Large Language Models in Generating Physical Exercise Rehabilitation Programs for Musculoskeletal Disorders Across Multiple Clinical Scenarios	2026	10.3390/healthcare14152389
Both	A Speech Analytics-Based Methodological Protocol for Monitoring Orthopedic Rehabilitation in the Brazilian Unified Health System	2026	10.3390/ijerph23050626
Both	Impact of Query Language on the Structure and Guideline Alignment of AI-Generated Rehabilitation Programs in Chronic Kidney Disease	2026	10.3390/jcm15114218
Both	The Role of Artificial Intelligence and Professional Expertise in Adapted Physical Activity Prescription for Orthopedic Rehabilitation	2026	10.3390/jfmk11010113
Both	Generative AI and Large Language Models in Rehabilitation: A Scoping Review	2026	10.3390/life16081310
Both	Semantic–Physical Sensor Fusion for Safe Physical Human–Robot Interaction in Dual-Arm Rehabilitation	2026	10.3390/s26051510
Scopus only	A Generative AI-Driven Industrial Design Framework for Human–GenAI Co-Creation	2026	10.3390/sym18020352
Scopus only	Multimodal Ontology: Semantic Substrate for Human Digital Twins in AI-Driven Metaverse Telerehabilitation and Immersive Medical Education	2026	10.54517/m8553
Scopus only	Generative Artificial Intelligence and Large Language Models in Rehabilitation and Disability Services: A Scoping Review	2026	10.57197/jdr-2026-0937

PubMed only	Prediction of Discharge Functional Independence Measure Scores From Routine Admission Variables Using a ChatGPT-Assisted Workflow in Patients With Cerebral Infarction or Intracerebral Hemorrhage: A Retrospective Observational Study.	2026	10.7759/cureus.106640
PubMed only	Implementation of an AI-Assisted Workflow for Rehabilitation Discharge Summary Creation: Evaluation of Documentation Efficiency, Usability, and Hallucinations in a 290-Bed General Hospital in Japan.	2026	10.7759/cureus.109247
Both	Artificial Intelligence in Physical Therapy Education: Evaluating Clinical Reasoning Performance in Musculoskeletal Care Using ChatGPT	2025	10.1002/msc.70177
Both	Advancements in large language model accuracy for answering physical medicine and rehabilitation board review questions	2025	10.1002/pmrj.13386
Scopus only	Generative AI for Art Therapy Informed Visual Emotional Expression	2025	10.1002/pra2.1465
Both	ChatGPT-4 vs. DeepSeek-V3: a comparative study of response quality, reliability, usefulness, and readability for exercise and rehabilitation strategies in patients with ankylosing spondylitis	2025	10.1007/s10067-025-07789-y
Both	Large Language Models' Responses to Spinal Cord Injury: A Comparative Study of Performance	2025	10.1007/s10916-025-02170-7
Both	The Role of Artificial Intelligence Large Language Models in Personalized Rehabilitation Programs for Knee Osteoarthritis: An Observational Study	2025	10.1007/s10916-025-02207-x
Both	Supervised prediction of post-stroke upper limb motor recovery with uncertain knowledge graph and large language model	2025	10.1007/s13755-025-00376-0
Scopus only	A context-aware KG-LLM collaborated conceptual design approach for personalized products: A case in lower limbs rehabilitation assistive devices	2025	10.1016/j.aei.2025.103422
Both	Artificial Intelligence Large Language Models Address Anterior Cruciate Ligament Reconstruction: Superior Clarity and Completeness by Gemini Compared With ChatGPT-4 in Response to American Academy of Orthopaedic Surgeons Clinical Practice Guidelines	2025	10.1016/j.arthro.2024.09.020
Both	Utilization patterns of AI chatbots among physical therapy students: A multicountry cross-sectional study	2025	10.1016/j.jtumed.2025.08.005
Both	Artificial Intelligence in Speech-Language Pathology and Dysphagia: A Review From Latin American Perspective and Pilot Test of LLMs for Rehabilitation Planning	2025	10.1016/j.jvoice.2025.04.010
Scopus only	Perspectives on artificial intelligence in speech therapy; [Regards croisés sur l'intelligence artificielle en orthophonie]	2025	10.1016/j.omag.2025.04.008
Both	Large language model-based prediction of speech intelligibility after Vibrant Soundbridge implantation using multidimensional outcome data: Part 2 of a prospective study	2025	10.1038/s41598-025-20919-5
Both	Reconstructing impaired language using generative AI for people with aphasia	2025	10.1038/s41598-025-24725-x
Both	Comparison of triage performance among DRP tool, ChatGPT, and outpatient rehabilitation doctors	2025	10.1038/s41598-025-99216-0
PubMed only	ABCD: A Simulation Method for Accelerating Conversational Agents With Applications in Aphasia Therapy.	2025	10.1044/2025_jslhr-25-00003
Both	Evaluating the accuracy and readability of ChatGPT-4 responses about cardiac rehabilitation for heart failure patients	2025	10.1080/00015385.2025.2576451
Both	Using ChatGPT as a tool during occupational therapy intervention: A case report in mild cognitive impairment	2025	10.1080/10400435.2024.2416495
Scopus only	Assessment of the reliability and usability of ChatGPT in response to spinal cord injury questions	2025	10.1080/10790268.2024.2361551
Both	ChatGPT for speech-impaired assistance	2025	10.1080/17483107.2025.2483300
Both	ChatGPT enhances reading comprehension for children with dyslexia in Arabic language	2025	10.1080/17483107.2025.2508389
Scopus only	The use of artificial intelligence in crafting a novel method for teaching normal human gait	2025	10.1080/21679169.2024.2393136
Both	Evaluating the Potential of Large Language Models for Vestibular Rehabilitation Education: A Comparison of ChatGPT, Google Gemini, and Clinicians	2025	10.1093/ptj/pzaf010
Both	An Early Snapshot of Attitudes Toward Generative Artificial Intelligence in Physical Therapy Education	2025	10.1097/jte.0000000000000381

Both	Unlocking Large Language Models in PT Education: Harnessing Gen-AI with Strategic Prompt Engineering	2025	10.1097/jte.0000000000000437
Scopus only	Enhancing Algorithm Comprehension for Visually Impaired Individuals With LLM-Based Programming Code Segmentation	2025	10.1109/access.2025.3638804
Scopus only	ChatEMG: Synthetic Data Generation to Control a Robotic Hand Orthosis for Stroke	2025	10.1109/lra.2024.3511372
Scopus only	Accessible Web Content Generation Using LLMs: An Empirical Study on Prompting Strategies and Template-Guided Remediation	2025	10.1109/tla.2025.11231224
Both	Using ChatGPT To Generate Walking Directions—Could It Potentially Help Visually Impaired With Micronavigation?	2025	10.1167/tvst.14.5.28
Scopus only	Exploring ChatGPT as a tool for adjustment to sight loss	2025	10.1177/02646196251358998
Both	Artificial intelligence in occupational therapy documentation: Chatbot vs. Occupational Therapists	2025	10.1177/20552076251386657
Both	A comparative study on the application of large language models: Deepseek-R1, GPT-4o, and Claude-Sonnet-4 in post-cardiac surgery rehabilitation—A cross-sectional study	2025	10.1177/20552076251393385
PubMed only	AI-Assisted Art Therapy: Enhancing Psychological Recovery in Work-Related Injuries Through Personalized Emotional Support.	2025	10.1177/21522715251371092
PubMed only	Structured Development of Learning and Assessment Tasks to Prevent Generative AI Misuse and Enhance AI Literacy in the Faculty in Physiotherapy Education.	2025	10.1177/23821205251378794
Both	A cross-sectional study on ChatGPT's alignment with clinical practice guidelines in musculoskeletal rehabilitation	2025	10.1186/s12891-025-08650-8
Both	Generative artificial intelligence in physiotherapy education: great potential amidst challenges- a qualitative interview study	2025	10.1186/s12909-025-07106-w
Both	Knowledge and use, perceptions of benefits and limitations of artificial intelligence chatbots among Italian physiotherapy students: a cross-sectional national study	2025	10.1186/s12909-025-07176-w
Both	Effects of artificial intelligence based physiotherapy educational approach in developing clinical reasoning skills: a randomized controlled trial	2025	10.1186/s12909-025-07926-w
Both	Comparative evaluation of artificial intelligence models GPT-4 and GPT-3.5 in clinical decision-making in sports surgery and physiotherapy: a cross-sectional study	2025	10.1186/s12911-025-02996-8
Both	Impact of artificial intelligence in managing musculoskeletal pathologies in physiatry: a qualitative observational study evaluating the potential use of ChatGPT versus Copilot for patient information and clinical advice on low back pain	2025	10.12701/jyms.2024.01151
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