

PUBLICATION LIST Swiss Paraplegic Research – 2025

Peer-reviewed journal articles

Aichner S, Studer A, Frey J, Brambs C, Krebs J, Christmann-Schmid C: Prospective longitudinal study of long-term voiding outcomes after laparoscopic sacrocolpopexy for pelvic organ prolapse. *J Obstet Gynaecol* 2025, 46(1):2595270.

Alyassi R, Cadena C, Riener R, Paez-Granados D: Social robot navigation: a review and benchmarking of learning-based methods. *Front Robot AI* 2025, 12:1658643.

Amatya B, De la Torre AM, Mukaino M, Song K, Selb M, Stucki G, Fary K: Optimizing the clinical functioning information tool (ClinFIT) in routine clinical practice: development of functional staging cutoff scores for rehabilitation provision and intensity. *J Rehabil Med* 2025, 57:jrm44170.

Anderson CE, Birkhäuser V, Jordan X, Liechti MD, Luca E, Möhr S, Pannek J, Kessler TM, Brinkhof MWG: Timing of urological management during post-acute spinal cord injury rehabilitation. *BJU Int* 2025, 136(3):452-463.

Anderson CE, Sartorius G, Bertschy S, Jordan X, Kessler TM, Liechti MD, Mahler JL, Möhr S, Pannek J, Brinkhof MWG, Birkhäuser V: Assessing sexual function in neurorehabilitation: insights and challenges from a spinal cord injury cohort. *J Sex Med* 2025.
[Epub ahead of print]

Arnet U, Veeger D, de Vries WHK: Shoulder load during wheelchair-related activities of daily life. *J Electromyogr Kinesiol* 2025, 84:103027.

Atkinson-Graham M, Mior S, Bakaa N, Konstantinidis T, Wong J, Arienti C, Battel I, Capodaglio P, Cordani C, Decary S, De Groote W, Del Furia MJ, Duttine A, Engeda EH, Frontera WR, Kiekens C, Gimigliano F, Liguori S, Minozzi S, Mudau Q, Paoletta M, Ryan R, Sabariego C, Todhunter-Brown A, Touhami D, Negrini S, Cote P: Governance arrangements for rehabilitation services in health systems: an overview of systematic reviews. *Cochrane Database Syst Rev* 2025, 11(11):CD016309.

Berli C, Schwaninger P, Scholz U, Lüscher J: Daily psychosocial determinants of smoking cessation: Effects of a buddy app intervention. *Br J Health Psychol* 2025, 30(2):e12796.

Bersch I, Schafer K, Limacher A, Sonntag U, Baumberger M, Alberty M: The effect of neuromuscular electrical stimulation on bowel management in people with chronic spinal cord injury-An IDEAL 2a pilot study. *Colorectal Dis* 2025, 27(11):e70276.

Bertolo A, Sonntag S, Nyfeler N, Satkunaseelan S, Buergin J, Haumer A, Speck N, Wettstein R, Stoyanov J: Minimally manipulated autologous cell therapy for pressure injury management in spinal cord injury: an in vitro study. *Eur Cell Mater* 2025, 54:31-47.

Bickenbach J, Chhabra HS, Erhan B, Middleton JW, Stucki G, Avellanet M, Uddin T, Chan E, Grisales MP, Corrales ACY, Hiekkala S, Perrouin-Verbe B, Weidner N, Rapidi C-A, Setiono S, Yousefzadeh-Chabok S, Baricich A, Otom A, Hasnan N, Hajjioui A, Hla KM, Osterthun R, Singal B, Strøm V, Arsh A, Popa D, Joseph C, Kim O, Sunnerhagen KS, Sabariego C, Kovindha A, Sadowsky C, Engkasan J: The International Spinal Cord Injury Survey: The Way Forward. *Arch Phys Med Rehabil* 2025.
[Epub ahead of print]

Bickenbach J, Frontera W, Stucki G: Standardizing Assessment and Reporting of Functioning Information for Rehabilitation and Healthy Aging. *NAM Perspect* 2025, 2025:10.31478/202506d.

Bieri AM, Wöllner J, Pannek J, Krebs J: Effects of a Prophylactic Treatment with Horseradish Root and Nasturtium Herb on Urinary Tract Infections in Individuals with Chronic Neurogenic Lower Urinary Tract Dysfunction: A Retrospective Cohort Study. *Urol Int* 2025, 109(1):1-7.

Birkhäuser V, Anderson CE, Kozomara M, Brinkhof MWG, Gross O, Leitner L, Liechti MD, Mehnert U, Stachele L, Kessler TM: Male sex is a risk factor for detrusor pressure jeopardising the upper urinary tract in patients with spinal cord injury. *BJU Int* 2025, 136(6):1090-1097.

Branscheidt M, Hadjosif AM, Anaya MA, Keller J, Widmer M, Runnalls KD, Luft AR, Bastian AJ, Krakauer JW, Celnik PA: Reinforcement Learning is Impaired in the Sub-acute Post-stroke Period. *Neurorehabil Neural Repair* 2025, 39(4):297-311.

Brunello N, Diana L, Sritharan J, Glisic M, Nef T, Verma RK, Zito GA: A systematic review and meta-analysis on the neural correlates of bodily self-consciousness. *Neurosci Biobehav Rev* 2025, 179:106420.

Büeler S, Anderson CE, Birkhäuser V, Freund P, Gross O, Kessler TM, Kündig CW, Leitner L, Mahnoor N, Mehnert U, Röthlisberger R, Stalder SA, van der Lely S, Zipser CM, David G, Liechti MD: Remote neurodegeneration in the lumbosacral cord one month after spinal cord injury: a cross-sectional MRI study. *Ann Clin Transl Neurol* 2025, 12(3):523-537.

Campos-Madueno EI, Aldeia C, Roumet MC, Limacher A, Sendi P, Endimiani A: Epidemiology and risk factors of expatriates returning to Switzerland colonized at the intestinal level with multidrug-resistant Enterobacterales. *Eur J Clin Microbiol Infect Dis* 2025, 44(4):1007-1014.

Capone C, Bratelj D, Stalder S, Jaszczuk P, Rudnick M, Verma RK, Pötzel T, Fiechter M: Posttraumatic Spinal Cord Tethering and Syringomyelia: A Retrospective Investigation of Patients With Progressive Disease and Surgical Revisions. *Int J Spine Surg* 2025, 19(2):216-223.

Castro Silva LK, Oliveira Lima LA, Sabariego C, de Oliveira Sousa LW, de Castro SS: The paradise-24 questionnaire: a review of language versions, psychometric evidence, and application in brain disorder. *Neurol Sci* 2025, 46(12):6181-6192.

Chen HL, Weng PW, Pan CY, Ho YM, Escorpizo R, Chen HC: Intra-articular Therapies for Hand Osteoarthritis: A Systematic Review and Network Meta-analysis. *Am J Phys Med Rehabil* 2025, 104(4):341-348.

Chieh C, Stojic S, Boehl G, Wong S, Lüscher J, Bertolo A, Itodo OA, Mueller G, Stoyanov J, Gemperli A, Perret C, Eriks-Hoogland I, Glisic M: Can Lifestyle and Behavioral Interventions Improve Weight Management in Individuals With Spinal Cord Injury? A Systematic Review and Meta-analysis. *Arch Phys Med Rehabil* 2025, 106(4):580-589.

Christiaanse E, Sritharan J, Wyss PO, Scheel-Sailer A, Leemans A, Verma RK, De Luca A, Zito GA: Structural brain changes in subacute spinal cord injury: an analysis of diffusion kurtosis imaging and diffusion tensor imaging metrics with clinical correlation. *Front Neurosci* 2025, 19:1652416.

Cryns N, Himmelhaus S, Irrgang S, Ernst M, Weidner N, Scheel-Sailer A: Clinical Practice Guideline: The Diagnosis and Treatment of Acute Spinal Cord Injury. *Dtsch Arztebl Int* 2025, 122(8):219-224.

de Vries WHK, Bossuyt FM, Veeger HEJ, Arnet U: Glenohumeral contact force, peak muscle forces,

and thorax motion increase with fatiguing wheelchair propulsion in persons with a spinal cord injury. *J Biomech* 2025, 184:112651.

Debnar C, Fekete C, Cullati S, Galvis M, Lüscher J: Social inequalities in mental health: Exploring the mediating role of psychosocial resources in individuals with spinal cord injury. *Rehabil Psychol* 2025, 70(4):447-456.

Diana L, Sritharan J, Vallesi V, Brunello N, Verma RK, Zito GA: Chronic spinal cord injury is associated with morphometric brain changes in functional networks beyond the sensorimotor system. *Front Neurol* 2025, 16:1672506.

Divanoglou A, Berndtsson E, Tasiemski T, Fellinghauer CS, Jörgensen S: Effects of community peer-led programmes for people with spinal cord injury in Sweden-the INTERnational project for the evaluation of active rehabilitation (INTER-PEER). *Spinal Cord* 2025, 63(11):567-578.

Diviani N, Chadha S, Mulas P, Rubinelli S: Safe Listening Beliefs, Attitudes, and Practices Among Gamers and Esports Participants: International Web-Based Survey. *JMIR Form Res* 2025, 9:e60476.

Diviani N, Fiordelli M, Ort A, Rubinelli S: From preparedness to adaptation: Swiss hospitals' communication strategies in a prolonged crisis. *Front Commun* 2025, 10:1672472.

El Boukhari R, Martin M, Bouissane L, Ławiński M, Lushchak O, Singla RK, Mickael ME, Mayneris-Perxachs J, Grafakou ME, Xu S, Liu B, Guan J, Póttorak A, Szpicer A, Wierzbicka A, Tzvetkov NT, Banach M, Horbańczuk JO, Jóźwik A, Cascella M, Shen B, Pirgozliev VR, Wang D, Litvinova O, Adamska O, Kamińska A, Łapiński M, Stolarczyk A, Berindan-Neagoe I, Milella L, Yeung AWK, Suravajhala P, Bishayee A, Lordan R, Iantovics LB, Lagoa R, Michalczyk M, Stoyanov J, Kinghorn AD, Jalil B, Weckwerth W, Goh BH, Li MY, Chaubey G, Russo GL, Frazzini S, Rossi L, Battino M, Jia W, Su Q, Ma X, Rollinger JM, Rittmann SKR, Sheridan H, Walsh JJ, Lizard G, Karpiński TM, Silva AS, Piwowarski J, Xie L, Fan TP, Giampieri F, El Midaoui A, Wong KH, Gan RY, Fatimi A, Atanasov AG: Enhancing human gut health: Global innovations in dysbiosis management. *Imeta* 2025, 4(3):e70028.

Eriks-Hoogland I, Veseli-Abazi M, Müller L, Abazi C, Snider B, Evers J, Pannek J, Seijas V: Breast and cervical cancer screening in females with spinal cord injury: A systematic review and meta-analysis. *J Spinal Cord Med* 2025, 48(3):461-481.

Escorpizo R, Osterthun R, Hiekkala S, Kim O, Avellanet M, Berna L, Arsh A, InSCI, Leiufrud AS: People With Spinal Cord Injury/Disease in the Labor Market: A Comparative Outlook. *Arch Phys Med Rehabil* 2025.

[Epub ahead of print]

Fähndrich C, Gemperli A, Baumberger M, Harder M, Schaefer DJ, Wettstein R, Scheel-Sailer A: Risk prediction for major postoperative complications in people with chronic spinal cord injury/disorder and stage III and IV pressure injury. *Swiss Med Wkly* 2025, 155:3977.

Fellinghauer C, Hodel J, Moreira B, Kim J, Sabariego C: Development of a functioning metric for the ageing population using data from the survey of health, ageing and retirement in Europe (SHARE). *PLoS One* 2025, 20(4):e0320068.

Fernandes PDS, Nickel R, Ferreira GB, Barboza E, Sabariego C, Taconeli CA, Silvado C: Validation of the work functioning assessment for epilepsy - An ICF-based instrument for measuring work functioning of individuals with epilepsy. *Clin Rehabil* 2025, 39(7):902-913.

Fiechter M, Pötzel T, Pfeifer ME: Applying Principles of Biomechanics of the Spine to Martial Arts: A Review on Balance of Stances in Goju-Ryu Karate-Do. *J Funct Morphol Kinesiol* 2025, 11(1):11.

Fontana AO, Scheel-Sailer A, Buehler PK, Kaiser P, Landmann G, Maralushaj M, Verma R, Harder M: A Patient with Brainstem Infarction and Recurrent Fever: A Case Report. *J Spine Res Rep* 2025, 4(3):1-6.

Giagiozis M, Imhof S, Achermann S, Jutzeler CR, Demko L, Zörner B: Quantification of Lower Limb Kinematics During Swimming in Individuals with Spinal Cord Injury. *Sensors (Basel)* 2025, 25(13):3950.

Glisic M, Hirani SP, Slettahjell HB, Faber W, Dionyssiotis Y, Forbes A, Twist A, Moga E, McRae J, Sarhan F, Leigh S, Wong S: Priority setting for nutrition research in individuals with spinal cord injury: A protocol for Delphi study among health professionals. *PLoS One* 2025, 20(7):e0327612.

Glisic M, Llane A, Stojic S, Llanaj E, Roa-Díaz ZM, Raguindin PF, Kastrati L, Weed L, Turakhia MP, Ashley E, Muka T, Ioannidis JPA: An umbrella review of systematic reviews of the impact of wrist-worn wearables on health outcomes. *Physiol Rev* 2025.

[Epub ahead of print]

Goosey-Tolfrey VL, Perret C: Understanding the Paralympic Athlete: How Physical Impairments Affect Energy Expenditure. *Sports Science Exchange (SSE)* 2025, 38(261):1-6.

Gross-Hemmi MH, Brach M, Popa D, Setiono S, Singhal B, Sunnerhagen KS, Stucki G, Avellanet M, Middleton JW, Uddin T, Chan E, Grisales MP, Corrales ACY, Hiekkala S, Perrouin-Verbe B, Weidner N, Rapidi C-A, Chhabra HS, Yousefzadeh-Chabok S, Baricich A, Otom A, Hasnan N, Hajjioui A, Hla KM, Osterthun R, Strøm V, Arsh A, Joseph C, Kim O, Sabariego C, Kovindha A, Erhan B, Sadowsky C: Methodology and Epidemiologic Data of the Second International Spinal Cord Injury (InSCI) Community Survey. *Arch Phys Med Rehabil* 2025.

[Epub ahead of print]

Gübeli A, Steiner N, Limacher A, Mathis D, Melmer A, Laimer M: Dapagliflozin's impact on hormonal regulation and ketogenesis in type 1 diabetes: a randomised controlled crossover trial. *Diabetologia* 2025, 68(10):2116-2125.

Häfliger C, Diviani N, Rubinelli S: Patient-Provider Communication in Spinal Cord Injury: A Scoping Review and Call for Further Research. *Top Spinal Cord Inj Rehabil* 2025, 31(4):199-215.

Häfliger C, Rubinelli S, Diviani N, Brach M, Zanini C: "This trike is cool, but...": a qualitative study on real-world adoption of an outdoor mobility device in people with spinal cord injury. *Spinal Cord* 2025.

[Epub ahead of print]

Hertig-Godeschalk A, Brinkhof MWG, Perret C, Scheel-Sailer A, Flueck JL: Efficacy of Vitamin D3 Supplementation in Elevating Circulating 25(OH)D Concentration in Individuals With Chronic Spinal Cord Injury (VitD-SCI): Evidence From a Randomized, Double-Blind, Placebo-Controlled Trial. *Top Spinal Cord Inj Rehabil* 2025, 31(4):61-73.

Hertig-Godeschalk A, Flueck JL, Perret C, Scheel-Sailer A, Brinkhof MWG, Verma RK: Vitamin D supplementation has no effect on bone mineral density in individuals with chronic spinal cord injury - results from a randomized controlled trial. *Spinal Cord* 2025.

[Epub ahead of print]

Hertig-Godeschalk A, Flueck JL, Scheel-Sailer A, Perret C, Brinkhof MWG: No discernible effect of vitamin D supplementation on secondary outcomes in chronic spinal cord injury: Findings from a randomized controlled trial. *J Spinal Cord Med* 2025.
[Epub ahead of print]

Hertig-Godeschalk A, Perret C, Krebs J, Ammann F: Urinary tract infections are common and have an impact on performance in elite wheelchair athletes: a cross-sectional study of self-reported data. *Swiss Med Wkly* 2025, 155(4):4113.

Höhener PS, Lüscher J, Tobias R, Küng P, Scholz U: Investigating the Association Between Companionship and Behavior Concordance: A Dyadic Panel Study. *Pers Relatsh* 2025, 32(2):e70005.

Holzer H, Diviani N, Rubinelli S: COVID-19 misinformation and healthcare workers: A scoping review. *Patient Educ Couns* 2025, 141:109309.

Imhof S, Achermann S, Rasenack M, Eriks Hoogland I, Zörner B: Reliability and validity of the 12-item multiple sclerosis walking scale in adults with chronic cervical or thoracic incomplete spinal cord injury. *Spinal Cord* 2025.
[Epub ahead of print]

Irrgang S, Himmelhaus S, Allek K, Bartholet C, Bersch-Porada I, Curt A, Huber B, Kuhn D, Kynast K, Weidner N, Scheel-Sailer A: Rehabilitation of the lower extremities, standing and walking function in people with spinal cord injury or disease: Guideline of the German-Speaking Medical Society for Spinal Cord Injury. *Ger Med Sci* 2025, 23:Doc02.

Jaszczuk P, Bratelj D, Capone C, Rudnick M, Pötzel T, Verma RK, Fiechter M: Advances in Neuromodulation and Digital Brain-Spinal Cord Interfaces for Spinal Cord Injury. *Int J Mol Sci* 2025, 26(13):6021.

Jehli E, Krebs J, Schirp U, Walter MA, Wöllner J, Pannek J: Decoding kidney function: evaluating arterial resistive index and cystatin C serum values in individuals with spinal cord injury. *World J Urol* 2025, 44(1):43.

Kasten MME, Gross O, Wettstein MS, Anderson CE, Birkhäuser V, Borer J, Koschorke M, Liechti MD, McCallin SE, Mehnert U, Röthlisberger R, Sadri H, Stächele L, Kessler TM, Leitner L: Similar artefact susceptibility for water- and air-filled urodynamic systems: a non-inferiority randomised controlled trial. *BJU Int* 2025, 135(6):1039-1048.

Kastrati L, Alvarez-Martinez M, Thomas A, Thevis M, Muka T, Stettler C, Herzig D, Glisic M, Bally L: Effect of exercise on plasma insulin levels in individuals with type 1 diabetes: A systematic review and meta-analysis. *Diabetes Obes Metab* 2025, 27(2):876-884.

Ketelhut S, Benzing V, Zehnder C, Amor L, Schürch Y, Burger M, Schmid S, Nigg CR: Effects of exergaming versus endurance training on cardiorespiratory fitness and hemodynamic parameters: a randomized controlled trial. *Eur J Appl Physiol* 2025, 125(7):1817-1830.

Kim J, Selb M, Cho Y, Kim W, Sabariego C: Measuring functioning and disability in Korea: comparing general and dedicated surveys using the ICF as a reference framework. *PLoS One* 2025, 20(5):e0323616.

Koch-Borner S, Arnet U, Lamberg AS, Schibli S, Dunn J: Manual muscle testing of upper limb muscle strength in persons with tetraplegia undergoing surgical restoration of elbow extension: A

scoping review. *PM R* 2025, 17(7):850-860.

Kotoula C, Wertli MM, Streitberger K, Rothschild SI, Limacher A, Hammann F, Krähenbühl S, Haschke M, Liakoni E: Efficacy of paracetamol added to WHO step III opioids in chronic pain control: study protocol for a randomised, double-blind, placebo-controlled, non-inferiority, multicentre study in Switzerland. *BMJ Open* 2025, 15(12):e107360.

Krammer W, Missimer JH, Vallesi V, Pastore-Wapp M, Kägi G, Wiest R, Weder BJ: Exploring imitation of within hand prehensile object manipulation using fMRI and graph theory analysis. *Sci Rep* 2025, 15(1):3641.

Krebs J, Wöllner J, Neuenschwander J, Mahler J, Valido E, Harder M, Stoyanov J, Pannek J: Immunomodulation for Primary Prevention of Urinary Tract Infections in Patients With Spinal Cord Injury or Disease During Primary In-House Rehabilitation: Results From a Randomized Placebo-Controlled Feasibility Trial (UroVaxom-Pilot). *Top Spinal Cord Inj Rehabil* 2025, 31(4):130-140.

Landmann G, Ernst M, Opsommer E, Stockinger L, Vollert J, Baron R: Explorative sensory profile evaluation in central neuropathic pain following spinal cord injury. *Eur J Pain* 2025, 29(2):e4719.

Lang C, Eriks-Hoogland I, Perret C, Bouri M, Widmer M: Safety assessment and feasibility of the TWIICE powered exoskeleton for assisted ambulation in individuals with spinal cord injury. *J Neuroeng Rehabil* 2025, 22(1):194.

Lenherr C, Schimmel M, Stucki G, Selb M: Identification of Important and Relevant Functioning-Based Outcomes for Persons With an Oral Health Condition From the Patient's Perspective. *J Oral Rehabil* 2025.
[Epub ahead of print]

Litvinova O, Yeung AWK, Echeverría J, Khader Y, Rahman MM, Said Z, Lach K, Sidar B, Koulaouzidis A, Aremu AO, Simoben CV, Boyina HK, Usman FM, Islam SMS, Patra JK, Das G, Venkatachalam G, Chopra H, Niebauer J, Fatimi A, Georgakilas AG, Saeb MR, Ekayen DE, Abuga KO, Ławiński M, Qiu Y, Souto EB, Li G, Devkota HP, Ma W, Manjunatha JG, Tzvetkov NT, Gautam RK, Matin M, Adamska O, Koulaouzidis G, Matin FB, Siddiquea BN, Wang D, Stoyanov J, Horbańczuk JO, Wysocki K, Parvanov ED, Mickael M-E, Jóźwik A, Ksepka N, Babiaka SB, Goh BH, Wong TY, Glicksberg BS, Iantovics LB, Łapiński M, Stolarczyk A, Schultz F, Wong ST, Lordan R, Nawaz FA, Singla RK, MohanaSundaram A, Mondal H, Juhi A, Mondal S, Cenanic M, Opriessnig E, Tsagkaris C, De R, Chandragiri SS, Damaševičius R, Cascella M, Lisco G, Triggiani V, Disoteo OE, Atanasov AG: Global innovative perspectives and trends on digital health and patient safety: highlights from the #DHPSP2024 networking event. *Explor Digit Health Technol* 2025, 3:101166.

Lussi C, Schwegler R, Friedli M, Stock M, Bickenbach J, Zanini C, Eriks-Hoogland I, Hund-Georgiadis M, Zipser CM, Jordan X, Sabariego C: Barriers to providing long-term care for persons with spinal cord injury in Switzerland: a qualitative study of service delivery and workforce challenges. *BMC Health Serv Res* 2025, 25(1):1362.

Lüthi S, Bamert M, Inauen J: Does the type of stressor moderate the stress-snacking relationship? An intensive-longitudinal study. *Appetite* 2025, 214:108145.

Mahler JL, Schneider S, Wöllner J, Pannek J, Krebs J: Impact of bladder management methods and other factors on sexual activity in women with chronic spinal cord injury/disease. *Sex Med* 2025, 12(6):qfae087.

Mahler JL, van Beek JJW, Wöllner J, Krebs J, Pannek J: Sexual function is the most commonly investigated aspect of sexuality in individuals with spinal cord injury or disease - a systematic review. *Spinal Cord* 2025, 63(10):523-529.

Mariotti M, Selb M, Imamura M, Alghwiri A, Amatya B, Ceravolo MG, Gimigliano F, Giraldo-Prieto M, Hu X, Kambou S, Kiekens C, Li J, Liu S, Mukaino M, Oral A, Stucki G, van de Velde D, Perret C: From Concept to Practice: The Development of ClinFIT for Musculoskeletal Disorders. *Am J Phys Med Rehabil* 2025.

[Epub ahead of print]

Maritz R, Beganovic L, Weisstanner D, Menzi L, Sabariego C: Exploring perspectives on implementing the World Health Assembly's Resolution for Strengthening Rehabilitation in Health Systems in Switzerland: a representative rehabilitation stakeholder survey. *Disabil Rehabil* 2025, 47(14):3696-3707.

Martínez YE, Widmer M, Zimmermann J, Schönhammer JG, Luft AR, Jäncke L: Brain reorganization: altered functional connectivity in reward network after stroke. *Neuroimage Clin* 2025, 48:103914.

Martinez-De la Torre A, Leshetkina P, Ahanor O, Maritz R: Integrating and Standardizing Functioning Outcomes in Rheumatoid Arthritis Pharmacological Trials: A Scoping Review Using the International Classification of Functioning, Disability and Health (ICF). *J Clin Epidemiol* 2025.

[Epub ahead of print]

Meißner I, Dietmann S, Hüller G, Mach O, Vogel M, Ehret M, Scheel-Sailer A, Aigner L, Maier D, Leister I: Risk Factors for Dysphagia After Traumatic Cervical Spinal Cord Injury: A Retrospective Study. *Arch Phys Med Rehabil* 2025, 106(8):1189-1197.

Merz N, Plessmann R, Netzer S, Meyer L, Limacher A, Eggimann AK: Impact of Sarcopenia Diagnosed by Point-of-Care Ultrasound on Geriatric Rehabilitation Outcomes: A Prospective Cohort Study. *J Am Med Dir Assoc* 2025, 26(11):105873.

Metzger S, Polanco B, Eriks-Hoogland I, Gemperli A, Pacheco Barzallo D: Effective and Efficient Rehabilitation. What Works Best for Persons With SCI During (Sub)Acute Phase of Rehabilitation? *Arch Rehabil Res Clin Transl* 2025, 7(4):100532.

Mostberger S, Brinkhof MWG, Polanco B, Berlowitz DJ, Gobets D, Hund-Georgiadis M, Jordan X, Postma K, Raab AM, Schubert M, Mueller G: Pneumonia Prolongs Rehabilitation Length of Stay and Induces Excess Costs in Adults With Acute Spinal Cord Injury: A Causal Inference Study Using Prospective Multicenter Data. *Arch Phys Med Rehabil* 2025, 106(9):1339-1347.

Mukaino M, Aguiar Branco C, Alghwiri A, Amato S, Kontaxakis A, Berteau M, Bölük Senlikci H, Borman P, Diouane S, Fourtassi M, Gimigliano F, Hajjioui A, Hu X, Kambou S, Lin CI, M IM, Mitsiokapa E, Nica RI, Rapidi CA, Serlenga G, Silvestri A, Tarvonen-Schröder S, Ursescu C, Viinanen A, Vorniotakis P, Selb M: Clinical functioning information tool - coronavirus disease 2019 (ClinFIT COVID-19): psychometric evaluation and development of an interval-scaled functioning score across the care continuum. *J Rehabil Med* 2025, 57:jrm43227.

Natraj S, Messmer T, Fujii Y, Suzuki K, Riener R, Eriks-Hoogland I, Paez-Granados D: 3D pose estimation for scalable remote gait kinematics assessment. *NPJ Digit Med* 2025, 9(1):37.

Negrini S, De Boissezon X, Stucki G, Arokoski J, Groleger Srsen K, Rummens S, Stam H, Picelli A, Gimigliano F: Call for founding members of the European Organization For University Physical and

Rehabilitation Medicine (UniPRM). *J Rehabil Med* 2025, 57:jrm44520.

Negrini S, Kiekens C, Del Furia MJ, Minozzi S, Ryan R, Arienti C, Parkhill A, Côte P, Gimigliano F, Sabariego C, Capodaglio P, Decary S, W DEG, Frontera WR, Mudau Q, Atkinson-Graham M, Bakaa N, Battel I, Butzbach OK, Cordani C, Engeda EH, Konstantinidis T, Iolascon G, Liguori S, Mior S, Moretti A, Paoletta M, Touhami D, Wong J, Duttine A: Evidence synthesis of health policy and systems research in rehabilitation: a protocol for Cochrane overviews of systematic reviews on delivery, governance, financial arrangements, and implementation strategies. *Eur J Phys Rehabil Med* 2025, 61(2):335-350.

Netzer S, Ruch C, Ivanova S, Limacher A, Meyer L, Eggimann AK: Difference in discharge disposition, adherence to clinical care standards and functional outcomes of older hip fracture patients receiving an orthogeriatric model of care versus routine care. *J Orthop Surg Res* 2025, 20(1):993.

Niederberger C, Henes E, Krassioukov AV, Baumberger M, Krebs J, Pannek J, Walter M, Scheel-Sailer A: German Transcreation of the International Standards to Document Remaining Autonomic Function After Spinal Cord Injury (Second Edition): A Feasibility Study in Individuals With Subacute Phase Spinal Cord Injury/Disease (SCI/D). *Top Spinal Cord Inj Rehabil* 2025, 31(3):89-100.

Niraula BB, Brendebach L, Lenherr R, Perret C, Probst I, Mostberger S, Stierli S, Müller G: Implementation of a new technique to improve subglottic secretion mobilization in tracheotomized ICU patients: The "volcano method". *J Phys Med Rehabil* 2025, 4(122):1-6.

Noonan VK, Kovindha A, Perrouin-Verbe B, Corrales ACY, Hajjioui A, Joseph C, Arora M, Pacheco Barzallo D, Avellanet M, Middleton JW, Uddin T, Chan E, Grisales MP, Hiekkala S, Weidner N, Rapidi C-A, Chhabra HS, Setiono S, Chabok SY, Baricich A, Otom A, Hasnan N, Khin MH, Osterthun R, Singal B, Strøm V, Arsh A, Popa D, Kim O, Sunnerhagen KS, Sabariego C, Erhan B, Sadowsky C: Health-related quality of life and healthcare systems in people with spinal cord injury: A cross-country comparison from the second InSCI community survey. *Arch Phys Med Rehabil* 2025. [Epub ahead of print]

Oña A, Burgos C, Castillo J, Molina M, Murillo M: Academic risk model through the analytical hierarchical process. *Front Educ* 2025, 10:1515877.

Oña A, Pacheco Barzallo A, Toaquiza J, Pacheco Barzallo D: Environmental barriers to participation for people with spinal cord injury. The case of Ecuador. *Disabil Health J* 2025. [Epub ahead of print]

Oña A, Yáñez C, Pacheco Barzallo A, Cárdenas D, Espinosa V, Glisic M, Pacheco Barzallo D: Epidemiological profile of people with spinal cord injury in Ecuador: A population-based design and cohort profile. *J Spinal Cord Med* 2025. [Epub ahead of print]

Pacheco Barzallo D, Baricich A, Grisales MP, Yousefzadeh-Chabok S, Chan E, Otom A, Avellanet M, Middleton J, Uddin T, Corrales ACY, Hiekkala S, Perrouin-Verbe B, Weidner N, Rapidi C-A, Chhabra HS, Setiono S, Hajjioui A, Khin MH, Osterthun R, Singal B, Strøm V, Syed I, Popa D, Joseph C, Kim O, Sunnerhagen KS, Sabariego C, Kovindha A, Erhan B, Sadowsky C, Hasnan N: Health services needs and utilization of persons ageing with SCI. A cross-country comparison. *Arch Phys Med Rehabil* 2025.

[Epub ahead of print]

Pannek J, Wöllner J: Surgical Insertion of Suprapubic Catheters in Patients with Neurogenic Lower Urinary Tract Dysfunction: An Old Method Revisited. *Urol Int* 2025, 18.

[Epub ahead of print]

Pattanakuhar S, Kammuang-Lue P, Komaratat N, Chotiarnwong C, Kovindha A, Gemperli A: Do individuals from an SCI-specialized rehabilitation facility have fewer secondary health conditions than those from a non-SCI-specialized rehabilitation facility? Analysis of the InSCI database from a middle-income country. *J Spinal Cord Med* 2025, 48(2):290-299.

Pfrunder L, Vallesi V, Hertig-Godeschalk A, Zito GA, Verma RK, Perret C, Ammann F: Muscle Volume Gain Following 20 Training Sessions on an Eccentric Arm-Crank Ergometer. *Int J Sports Med* 2025.

[Epub ahead of print]

Polanco B, Oña A, Gemperli A, Pacheco Barzallo D: Excess healthcare utilization and costs linked to chronic conditions: a comparative study of nine European countries. *Eur J Public Health* 2025, 35(2):216-227.

Qama E, Diviani N, Häfliger C, Jordan X, Scheel-Sailer A, Zanini C, Rubinelli S: Approaches to self-management integration and influencing factors in everyday life after spinal cord injury: A qualitative narrative analysis. *Patient Educ Couns* 2025, 136:108763.

Qama E, Diviani N, Häfliger C, Jordan X, Scheel-Sailer A, Zanini C, Rubinelli S: Self-management decision-making in spinal cord injury after initial rehabilitation: A thematic narrative analysis. *Patient Educ Couns* 2025, 141:109318.

Qama E, Rubinelli S, Diviani N: Trends in self-management research in spinal cord injury: A scoping review of study designs and findings. *J Spinal Cord Med* 2025.

[Epub ahead of print]

Ratzan SC, Ivic RK, Rubinelli S, Rabin KH, Kim HK, Parker RM: Advancing Health communication, a Call for the Future: 30 Years of the *Journal of Health Communication: International Perspectives*. *J Health Commun* 2025, 30(7-9):232-237.

Rubinelli S: The paradox of autonomy: A discussion paper. *Patient Educ Couns* 2025, 139:109232.

Rubinelli S: Why Health Institutions Must Learn from Social Media Influencers. A Paradigm Shift in Health Communication. *J Health Commun* 2025, 30(10-12):630-633.

Rubinelli S, Bickenbach J, Middleton JW, Cameron ID, Sabariego C, Stucki G: The comprehensive 360 degrees model of research: its foundations and exemplary application in spinal cord injury. *J Rehabil Med* 2025, 57:jrm42019.

Rubinelli S, Diviani N: An argumentation theory-based assessment tool for evaluating disinformation in health-related claims. *Patient Educ Couns* 2025, 133:108622.

Rubinelli S, Ivic RK, Rabin K, Butler B, Parker R, Gostin LO, Ratzan SC: Watching Our Language. *J Health Commun* 2025, 30(7-9):229-231.

Sabariego C, Kamenov K, Barrett D, Cieza A, Bickenbach J, Pacheco Barzallo D: Can we still ensure no one is left behind by 2030? Demonstrating the potential of the implementation of the WHO

Functioning and Disability Disaggregation Tool (FDD11) in existing survey platforms for disaggregating SDG indicators by disability. *Disabil Rehabil* 2025, 47(5):1253-1265.

Sabariego C, Lee L, Bickenbach J, Chatterji S: Estimating disability prevalence in population surveys: an exploratory study using national surveys carried out in Ethiopia, Uganda, Tanzania and USA. *Disabil Rehabil* 2025, 47(16):4212-4219.

Salzmann IP, Rietveld T, Togni R, Briley SJ, Goosey-Tolfrey VL, de Vries WHK, Vegter RJK: Exploring the biomechanical link between wheelchair propulsion, shoulder injury and shoulder pain: A scoping review. *J Biomech* 2025, 185:112678.

Sarki M, Schwegler U, Austin-Cliff G, Aparicio MG, Reuse C, Brinkhof MWG: Evaluating the disability employment gap and its determinants: findings from a population-based cohort study in spinal cord injury. *Front Rehabil Sci* 2025, 6:1572158.

Schär D, Blatter TU, Witte H, Stoyanov J, Hersberger M, Nakas CT, Leichtle AB: Differential Distributions: A refined methodology to indirect reference interval estimation by including Patient's health status according to associated ICD-10 codes. *Pract Lab Med* 2025, 46:e00492.

Schibli S, Koch-Borner S, Arnet U, Fridén J: Clinical outcome of elbow extension restoration by posterior deltoid-to-triceps transfer in tetraplegia: a retrospective review of 51 patients. *J Hand Surg Eur Vol* 2025, 50(3):370-380.

Schmandt C, Trunz J, Perret C, Hertig-Godeschalk A, Stanga Z, Stoyanov J: Optimizing blue poo: A validated, cost-effective method for measuring whole gut transit time. *MethodsX* 2026, 16:103741.

Schmidt M, Jaekel A, Bertschy S, Lange U, Kues S, Fiebag K, Cohrs G, Mehnert U, Knorr D, Onken M, Baum A, Schilcher B, Kurze I: Pregnancy, Childbirth and Puerperium in Women with Spinal Cord Injury: Guideline of the DGGG and DMGP (S2k-Level, AWMF Registry No. 179/002, August 2024. *Geburtshilfe Frauenheilkd* 2025, 85(3):265-281.

Schürch Y, Hertig-Godeschalk A, Eriks-Hoogland I, Scheel-Sailer A, Brinkhof MWG, Arnet U: Investigating the Impact of Pressure Relief Performance on the Occurrence of Pressure Injuries and Shoulder Pain in Wheelchair Users with Spinal Cord Injury (PRperf Study): Study Protocol for a Prospective Observational Study. *Methods Protoc* 2025, 8(3):62.

Seijas V, Maritz R, Morsch P, Kleinitz P, Morgan C, Yee J, Moreira B, Hodel J, Mishra S, Sabariego C: International stakeholder consultation on models of rehabilitation service delivery to foster healthy ageing: results of a cross-sectional survey involving 124 countries and all World Health Organization regions. *Eur J Phys Rehabil Med* 2025, 61(2):161-172.

Seijas V, Stoyanov J, Brantley KD, Hodel J, Raguindin PF, Pannek J, Jordan X, Hund-Georgiadis M, Hoogland IE, Glisic M, Missmer SA: Acute serum androgen levels and post-rehabilitation functioning in spinal cord injury: findings from SwiSCI. *Eur J Phys Rehabil Med* 2025, 61(2):263-274.

Singla RK, Mondal H, Singla S, De R, Behzad S, Găman M-A, Sai Chandragiri S, Cenanovic M, Patra JK, Depew JR, Boyina HK, Maigoro AY, Lee S, Atrooz OM, Das G, Schultz F, Abdallah EM, Chopra H, Ahmad J, Gautam RK, Patnaik SS, Goh BH, Babiaka SB, Vats S, Okoh MP, Ahmed AF, Dubey AK, Lordan R, Subramani PA, Singh AK, Alvarez-Suarez JM, Chellappan DK, Paswan SK, Semwal P, Khan J, Sheshe S, Sethiya NK, Karpiński TM, Riaz M, Emam-Djomeh Z, Gupta GK, Madaan R, Kumar S, Choudhary N, Parisi S, Willschke H, Pirgozliev V, Rayan RA, Ritschl V, Mondal S, Zengin G, Verma P, Kapoor B, Gulati M, Balla GOA, Le DK, Pittalà V, El-Demerdash A, Khalid GM, Simal-Gandara J,

Alzahrani QE, Russo GL, Kharat KR, Bishayee A, Wang D, Orhan IE, Ullah H, Heinrich M, Baral B, Tzvetkov NT, Yeung AWK, Dias-Ferreira JML, Olea SP, Mohanta YK, Kureshi AA, Supuran CT, Rani N, Gundamaraju R, Mulholland EJ, Lonardo SD, Dinkova-Kostova AT, González-Burgos E, Hritcu L, Badhe P, Singh A, Al-Rimawi F, Sureda A, Abiri R, Braidly N, Kapral L, Abdullahi AN, Medina CDV, Sheridan H, Lucarini M, Durazzo A, Giampieri F, Barreca D, Maria WA, Andrade JC, Fimognari C, Akram F, Tikhonov A, Battino M, Oladipupo AR, Emerald M, Efferth T, Amrani S, Echeverría J, Maria Louka A, Tripathi SK, Fiebich BL, Es-Safi NE, Khan SY, Chavda VP, Zubair MAM, Hussain S, Rahman MFU, Odimegwu J, Horbanczuk JO, Devkota HP, Cifuentes A, Sodhi R, Santini A, Tantengco OAG, Pai SR, Chettupalli AK, Granica S, Stojanović NM, Tewari D, Mittal V, Garg V, Rahman MA, Logesh R, Berindan-Neagoe I, Sharma R, Jóźwik A, Matin M, Parvanov ED, Strzałkowska N, Matin FB, Litvinova O, Stoyanov J, Michalczyk M, Zima-Kulisiewicz B, Eminaga O, Mishra A, Jahan N, Bensz J, Joshi T, Upaganlawar A, Patni K, Zielińska A, Hrg D, Stolarczyk A, Adamska O, Perry G, Ławiński M, Kamińska A, Štefanović M, Siddiquea BN, Frazzini S, Rossi L, Wieczorek M, Mickael ME, Garbe L-A, Atanasov AG, Shen B: Exploring nutritional supplement use for countering respiratory tract infections through an X (formerly Twitter)-based survey. *Curr Res Biotechnol* 2025, 9:100282.

Sommerhalder M, Büchi M, Risch S, Raab AM, Widmer M, Riener R, Wolf P: Can Robotic Feedback and Adaptation Possibilities Match Therapeutic Needs? -An Observational Study. *IEEE Trans Med Robot Bionics* 2025:1-12.

Sritharan J, Brunello N, Gamba M, Glisic M, Diana L, Verma RK, Zito GA: Abnormal Resting-State Functional Connectivity in Individuals with Spinal Cord Injury: A Systematic Review. *J Neurotrauma* 2025.

[Epub ahead of print]

Sritharan J, Zeng V, Petr J, Mutsaerts HJ, Hoang D, Bolo NR, Ivleva EI, Dai W, Gershon ES, Keedy SK, Parker DA, Trotti RL, McDowell JE, Clementz BA, Tamminga CA, Pearlson GD, Keshavan MS, Lizano P: Cerebral perfusion differences in the visual cortex and fusiform subregions across the psychosis spectrum. *Front Psychiatry* 2025, 16:1566184.

Stalder SA, van der Lely S, Knüpfer S, Anderson CE, Leitner L, Mehnert U, Tornic J, Zipser CM, Kessler TM, Liechti MD: Lower urinary tract sensory assessments in patients with neurogenic lower urinary tract dysfunction undergoing sacral neuromodulation. *Clin Neurophysiol* 2025, 180:2111003.

Stojic S, Affolter S, Stadler G, Missmer SA, Pannek J, Stoyanov J, Eriks-Hoogland I, Lüscher J, Glisic M: Mapping sex and gender in the landscape of spinal cord injury research: a bibliometric analysis and research framework. *Spinal Cord* 2025, 63(7):333-341.

Stojic S, Boehl G, Rubinelli S, Brach M, Jakob R, Kostanjsek N, Stoyanov J, Glisic M: Two decades of the International Classification of Functioning, Disability and Health (ICF) in health research: a bibliometric analysis. *Disabil Rehabil Assist Technol* 2025, 20(2):444-451.

Stojic S, Minder B, Boehl G, Rivero T, Zwahlen M, Gemperli A, Glisic M: Systematic review and meta-analysis use in the field of spinal cord injury research: A bibliometric analysis. *J Spinal Cord Med* 2025, 48(1):54-64.

Stojic S, Minder B, Boehl G, Rivero T, Zwahlen M, Gemperli A, Glisic M: Systematic review and meta-analysis use in the field of spinal cord injury research: A bibliometric analysis. *J Spinal Cord Med*. 2025;48(1):54-64.

Strøm V, Weidner N, Sadowsky C, Hla KM, Uddin T, Rapidi CA, InSci, Sabariego C: Self-reported Secondary Health Conditions in Relation to Age and Time Living With Spinal Cord Injury: Results From the Second International Spinal Cord Injury Community Survey. *Arch Phys Med Rehabil* 2025. [Epub ahead of print]

Stucki G, Stam HJ, Gimigliano F, Negrini S: Why we need a representative organization of academic PRM in Europe, and why we need it now. *J Rehabil Med* 2025, 57:jrm42369.

Studer AM, Krebs J, Brambs C, Christmann-Schmid C: The Learning Curve for Laparoscopic Sacrocolpopexy Based on Dissection Skills if Structured Teaching and Standardized Surgery are Applied. *Adv Med Educ Pract* 2025, 16:917-925.

Tomasino B, Piani MC, Maggioni E, Bonivento C, D'Agostini S, Balestrieri M, Brambilla P: First person state/psychological imagery modulates the orbital frontal gyrus and the putamen in individuals with depression. *Front Psychiatry* 2025, 16:1583482.

Tsoy N, Langewitz W, Müri S, Notter S, Pannek J, Post MWM, Rednic LN, Rubinelli S, Scheel-Sailer A: Quality of life from the patient perspective at the end of the first rehabilitation after the onset of spinal cord injury/disorder - A qualitative interview-based study. *J Spinal Cord Med* 2025, 48(1):129-140.

Valido E, Bertolo A, Hertig-Godeschalk A, Flueck JL, Ruettimann B, Glisic M, Stoyanov J: Characteristics of the gut microbiome of Swiss elite athletes with a spinal cord injury: An exploratory study. *J Spinal Cord Med* 2025, 48(3):376-384.

Valido E, Bertolo A, Stoyanov J: Quantitative profiling of bacterial communities via full length 16S rRNA gene sequencing with internal controls: optimization and validation across diverse human microbiomes. *BMC Microbiol* 2025, 25(1):710.

Valido E, Bertolo A, Wöllner J, Pannek J, Krebs J, Stoyanov J: Effects of Uro-Vaxom vs. placebo on the urinary tract microbiome in individuals with spinal cord injury in a randomized controlled pilot trial (Uro-Vaxom pilot). *Sci Rep* 2025, 15(1):12825.

Vallejo-Yagüe E, de Vries ST, La Parra-Casado D, Gardarsdottir H, Faquetti ML, van Valkengoed I, Aubrun E, Douros A, Guedes S, Martinez-De La Torre A, Wested J, Ochi T, Schumacher Dimech AM, Clair C, Mehta I, Ida F, Soriano Gabarro M, Korzh O, Martinez-Gonzalez M, Maso A, Clamote Rodrigues D, Ndem-Galbert JR, Korjagina M, Goswami S, Moga DC, Marcus AF, Nordeng H: Advancing Health Equity in Europe: Explore, Tailor, Implement, and Evaluate (ETIE)-A Framework of Diversity and Fairness in Pharmacoepidemiologic Research. *Pharmacoepidemiol Drug Saf* 2025, 34(7):e70175.

Vallesi V, Galléa C, Sritharan J, Hurni ER, Eriks-Hoogland I, Gegusch M, Slotboom J, Worbe Y, Roze E, Scheel-Sailer A, Verma RK, Zito GA: Revisiting motor inhibition in individuals with functional paralysis and spinal cord injury. *Brain Commun* 2025, 7(5):fcf377.

Voicu R, Kuchen DB, Perret C, Bersch I, Widmer M: Influence of gait-synchronized functional electrical stimulation during exoskeleton-assisted ambulation on cardiorespiratory outcomes in individuals with incomplete spinal cord injury. *J Rehabil Med* 2025, 57:jrm43423.

Vorstenbosch E, Escuder-Romeva G, Haro JM, Bulten E: Conceptualizing Professional Stigma Toward Forensic Mental Health Service Users: Results of a Qualitative Inquiry. *Int J Forensic Ment Health* 2025:14999013251314894.

Winiker K, Stierli S, Brinkhof MWG, Hamzic S, Schwegler H, Müller G: Outcomes of Tracheostomy Decannulation: Study Protocol for a Longitudinal Observational Study. *Int J Lang Commun Disord* 2025.

[Epub ahead of print]

Wu SH, Lin CH, Hsu TY, Liou TH, Escorpizo R, Chen HC: Effectiveness of Transcranial Direct Current Stimulation in Knee Osteoarthritis: A Systematic Review and Meta-analysis of Randomized Sham-Controlled Trials. *Am J Phys Med Rehabil* 2025, 104(1):58-65.

Xia L, Yang Q, Jiang L, Zheng Y, Chen L, Lin S, Reinhardt JD, Lu X: Effect of perioperative remote ischemic conditioning on myocardial injury in patients with unstable angina undergoing percutaneous coronary intervention: protocol of a multicenter, randomized, double-blind clinical trial. *Trials* 2025, 26(1):63.

Yang FA, Lin CH, Chung HN, Kuan YC, Escorpizo R, Chen HC: Effects of Repetitive Transcranial Magnetic Stimulation on Poststroke Hemineglect: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. *Neurorehabil Neural Repair* 2025, 39(3):190-201.

Yang S, Zhang X, Du X, Yan P, Zhang J, Wang W, Wang J, Zhang L, Sun H, Liu Y, Xu X, Di Y, Zhong J, Wu C, Reinhardt JD, Zheng Y, Wu T: Prediction of cognitive conversion within the Alzheimer's disease continuum using deep learning. *Alzheimers Res Ther* 2025, 17(1):41.

Yousefzadeh-Chabok S, Pacheco Barzallo D, Mohtasham-Amiri Z, Homaie Rad E: When injury costs too much: the catastrophic costs for spinal cord injury in Iran. *BMC Health Serv Res* 2025, 25(1):1520.

Zehnder R, Schimmel M, Meyer L, Kömeda M, Limacher A, Eggimann AK: Discriminative Ability and Associations of Sarcopenia Using Point-of-Care Ultrasound with Functional, Mobility and Frailty Status in Older Inpatients. *J Clin Med* 2025, 14(5):1603.

Zhang W, Pannek J, Wöllner J, Riener R, Paez-Granados D: Automated Evaluation of Urodynamic Examinations Through Local Linear Models: Validation on Spinal Cord Injury Individuals. *IEEE J Transl Eng Health Med* 2025, 13:111-122.

Zito GA, Roze E, Tarrano C, Ouarab S, Jegatheesan P, Ekmen A, Béranger B, Valabregue R, Hubsch C, Sangla S, Bonnet C, Delorme C, Méneret A, Degos B, Bouquet F, Apoil Brissard M, Vidailhet M, Hasboun D, Pouget P, Worbe Y, Gallea C: Abnormal Connectivity of the Head Neural Integrator in Cervical Dystonia. *Mov Disord* 2025, 40(11):2321-2330.

Zito GA, Sartoris TM, Atkinson-Clement C, Jegathesaan P, Béranger B, Hartmann A, Czernecki V, Tarrano C, Rosso C, Burbaud P, Roze E, Gallea C, Worbe Y: Distinct cerebellar networks underpin clinical improvement in adolescent Tourette disorder. *Brain* 2025.

[Epub ahead of print]

Peer-reviewed conference papers (full papers)

Ejtehadi M, Graham GE, Ringstrom C, Du E, Riener R, Paez-Granados D: Tifex-Py: Time-Series Feature Extraction for Python in a Human Activity Recognition Scenario. *IEEE Int Conf Rehabil Robot* 2025, Chicago, IL, USA, 2025:1332-1339.

Gnarra O, Ejtehad M, Amrein S, Shimotori D, Yoshimi T, Kato K, Paez-Granados D: Multimodal Sensor System for Continuous Monitoring in Elderly Care: A Pilot Study. *IEEE Int Conf Rehabil Robot* 2025, Chicago, IL, USA, 2025:1041-1046.

Gnarra O, Massaro C, Warncke JD, Nef T, Schmidt M, Paez-Granados D: Sleep Stage Classification from Wristband Sensor Data in Patients with Sleep Disorders. *IEEE Int Conf Biomed Health Info* 2025, Atlanta, GA, USA, 2025:1-7.

Manriquez-Cisterna R, Gnarra O, Ravankar AA, Breuss A, Yoshimi T, Luces JVS, Paez-Granados D, Kato K, Riener R, Hirata Y: Somnomat Care: A Novel Robotic Bed for Vestibular Stimulation in Nursing Homes. *IEEE Int Conf Rehabil Robot* 2025, Chicago, IL, USA, 2025:977-982.

Weikert T, Li Y, Paez-Granados D, Easthope CA: Automated Prediction of Item-Level Arat Scores From Wearable Sensors. *IEEE Int Conf Rehabil Robot* 2025, Chicago, IL, USA, 2025:1239-1244.

Books and book chapters

Bickenbach J: WHO's Definition of Health: Philosophical Analysis. In: Schramme T, Walker MJ, editors. *Handbook of the Philosophy of Medicine*. Dordrecht: Springer Netherlands; 2025, p. 1333-1348.

Diviani N: Self-Management. In: Bennett G, Goodall E, editors. *The Palgrave Encyclopedia of Disability*. Cham: Palgrave Macmillan; 2025, p. 1-13.

Stucki G, Bickenbach J: *Rethinking Health and Rehabilitation. Towards a Functioning-Centered Health System*. Lucerne: Lucerne University; 2025.