

Peer-Reviewed Publications by **Dr. Herb Karpatkin**
2000 – Present

- Karpatkin, H.**, Rachwani, J., Rhodes, R., Rodriguez, L., Rodriguez, R., Rubeo, A., & Cohen, E. (in press). The effect of intermittent vs. continuous walking on distance to fatigue in persons with multiple sclerosis. *Disability and Rehabilitation*.
- Karpatkin, H.**, Hayes, H., Snowdon, L., Padgett, P. K., Doyle, L., Lotter, J., ... & Hornby, T. G. (2022). Letter to the Editor: PNF and gait post-stroke. *Archives of Physical Medicine and Rehabilitation*. 10.1016/j.apmr.2022.05.022.
- Cohen, E. T., Cleffi, N., Ingersoll, M., & **Karpatkin, H. I.** (2021). Blood-flow restriction training for a person with primary progressive multiple sclerosis: A case report. *Physical Therapy*, 101(3), pzaa224.
- Karpatkin, H., & Finkelstein, J. (2021). Physical Telerehabilitation Improves Quality of Life in Patients with Multiple Sclerosis. In *Nurses and Midwives in the Digital Age*(pp. 384-388). IOS Press.
- Finkelstein, J., Doerstling, M., Rocco, P., & **Karpatkin, H.** (2021). Remote exercise capacity assessment in home-based telerehabilitation. *Archives of Physical Medicine and Rehabilitation*, 102(4), e4-e5.
- Finkelstein, J., Jeong, I. C., Doerstling, M., Shen, Y., Wei, C., & **Karpatkin, H.** (2020). Usability of remote assessment of exercise capacity for pulmonary telerehabilitation program. *Studies in Health Technology & Informatics*, 275, 72-76.
- Karpatkin, H.I.**, Benson, A., Gardner, N., Leb, N., Ramos, N., Xu, H., & Cohen, E.T. (2020). Pilot trial of speed-intensive gait training on balance and walking in people with multiple sclerosis. *International Journal of Therapy & Rehabilitation*. 27(11), 1-10.
<https://doi.org/10.12968/ijtr.2020.0059>.
- Jeong, I. C., **Karpatkin, H.**, Stein, J., & Finkelstein, J. (2020). Relationship between exercise duration in multimodal telerehabilitation and quality of sleep in patients with multiple sclerosis. *Studies in Health Technology and Informatics*, 270, 658–662.
<https://doi.org/10.3233/SHTI200242>.
- Kalb, R., Brown, T. R., Coote, S., Costello, K., Dalgas, U., **Karpatkin, H.**, ... & Motl, R. W. (2020). Exercise and lifestyle physical activity recommendations for people with multiple sclerosis throughout the disease course. *Multiple Sclerosis Journal*, 26(12), 1459-1469.
- Karpatkin, H.**, Babyar, S., Gayeski, E., Meredith, L., Polster, E., Sheer, P., & Schroeder, D. (2020). The effect of fatigue on balance performance in Parkinson’s disease. *Clinical Parkinsonism & Related Disorders*. 3, 100047.

- Karpatkin, H.** (2020). Critically appraised paper: Task-oriented gait training that focuses on the safe and correct use of a walking aid may reduce falls in people with multiple sclerosis [Commentary]. *Journal of Physiotherapy*, 66(1), 56.
- Karpatkin, H., & Cohen, E.** (2019). Foreword: Aging with a progressive neurologic condition-implications for rehabilitation. *Topics in Geriatric Rehabilitation*, 35(3), 171.
- Karpatkin, H., & Cohen, E.** (2019). Aging with a progressive neurologic disease: Rehabilitation management of the adult aging with Parkinson Disease or Multiple Sclerosis. *Topics in Geriatric Rehabilitation*, 35(3), 172-182.
- Karpatkin, H., Babyar, S., DiCarrado, S., McDarby, M., Narovlianski, M., Perez, B., & Rimawi, I.** (2018). Increases in fatigue do not change spasticity scores in persons with multiple sclerosis. *Neurodegenerative Disease Management*, 8(3), 143-150.
- Karpatkin, H.I., Cohen, E. T., DiCarrado, S., Dungan, B., Potrzba, J., & Huallpa, E.** (2016). The effect of intermittent vs. continuous training on walking endurance and fatigue in people with multiple sclerosis: a randomized, crossover trial. *Critical Reviews™ in Physical and Rehabilitation Medicine*, 28(1-2), 33-45.
- Karpatkin, H., Cohen, E., Zervas, M., Park, D., Wright, C., & Klein, S.** (2016). The effect of maximal strength training on strength, walking, and balance in people with multiple sclerosis: A pilot study. *Multiple Sclerosis International*, 2016, 5235971. doi:10.1155/2016/5235971.
- Karpatkin, H., Cohen, E., Briessmeister, B., Luu, R., Napolione, D., & Hartman, R.** (2015). Effects of intermittent versus continuous walking on distance walked and fatigue in persons with multiple sclerosis: A randomized crossover trial. *Journal of Neurologic Physical Therapy*, 39(3):172–178.
- Cohen, E.T., Czisa, L.A., & **Karpatkin, H.** (2015). Multiple Sclerosis clinical summary. *PT Now* (Online journal). Available at <http://www.ptnow.org/ClinicalSummaries/QuickDetail.aspx?cid=343ee67d-7ea5-494c-92f2-95959b7c6781>
- Karpatkin, H. I., Napolione, D., & Siminovich-Blok, B.** (2014). Acupuncture and multiple sclerosis: a review of the evidence. *Evidence-Based Complementary and Alternative Medicine*, 2014, 972935.
- Karpatkin, H., Cohen, E., Rzetelny, A., Erlandsson, K., Gibbons, S., Griffith, H., & Isham, L.B.** (2013). Performance on the Berg Balance Scale in fatigued versus nonfatigued states in people with Multiple Sclerosis. *Critical Reviews™ in Physical and Rehabilitation Medicine*, 25(3-4), 223-230.

Karpatkin, H., & Rzetelny, A. (2012). Effect of a single bout of intermittent versus continuous walking on perceptions of fatigue in people with Multiple Sclerosis. *International Journal of MS Care. 14(3), 124-131.*

Peer reviewed conference presentations by **Dr. Herb Karpatkin** (conference programming)

Karpatkin, H, DiCarrado, S, Muth,M, Cohen, E, Zervas C. Double Impact: Aging with a progressive neurologic disease. American Physical Therapy Association Combined Sections Meeting,, San Antonio, TX, Feb 4, 2022

Karpatkin, H, Cohen, E, DiCarrado, S, Zervas M, Muth, S. Knowledge translation in Multiple Sclerosis Physical Therapy Practice. Academy of Neurologic Physical Therapy 1st Annual Meeting, Presented asynchronously September 2021

Karpatkin, H, Cohen E. HIITing the Mark: High Intensity Interval Training for persons with Multiple Sclerosis. American Physical Therapy Association Combined Sections Meeting, Presented asynchronously, Feb 2021

Backus, D, **Karpatkin, H, Cohen E.** Making the Transition: Physical Therapy for People With Advancing Multiple Sclerosis. American Physical Therapy Association Combined Sections Meeting, Denver, CO, Feb, 13, 2020

Karpatkin, H, Fry, D, Kostich L. MS Rehabilitation Research: Turning a burning clinical question into a research project. Consortium of Multiple Sclerosis Centers annual meeting, Seattle, WA, June 30, 2019

Karpatkin, H, Cohen E, Block V. Prediction, Prevention, Plasticity and Participation in Multiple Sclerosis. 1-day preconference course. American Physical Therapy Association Combined Sections Meeting, Washington DC, Jan 23, 2019.

Karpatkin, H, Cohen, E. Multiple Sclerosis- what to expect and what to do about it. American Physical Therapy Association Combined Sections Meeting, Washington DC, Jan 25, 2019.

Karpatkin, H, Cohen, E, DiCarrado,S, Zervas, M. A Taxonomy of fatigue for neurologic physical therapy. American Physical Therapy Association Combined Sections Meeting, New Orleans, LA February 24, 2018.

Karpatkin, H, Cohen, E, DiCarrado,S. Fatigue and mobility for persons with neurologic

Disability: A Framework for rehabilitation specialists. American College of Rehabilitation Medicine annual conference, Atlanta, GA, October 26, 2017

Siminovich-Blok, B, **Karpatkin, H**, et al. Acupuncture and Integrative Medicine Research and Implementation in Different Rehabilitation Settings. American College of Rehabilitation Medicine annual conference, Atlanta, GA, October 25, 2017

Karpatkin, H, Cohen, R et al. Fatigue and Mobility: The Effect of Fatigue on Mobility in Neurologic Diagnoses. American Physical Therapy Association Combined Sections Meeting, San Antonio, TX. Feb. 16, 2017

Karpatkin, H, Cohen E et al. PTNow and MSEDGE: Using APTA's translational knowledge resources to manage the patient with Multiple Sclerosis. American Physical Therapy Association Combined Sections Meeting, Anaheim, CA. Feb. 20, 2016

Karpatkin H, Cohen E et al. Multiple Sclerosis rehabilitation interventions across the spectrum of disability and continuum of age. Consortium of Multiple Sclerosis Centers annual meeting, Indianapolis, IN. May 29, 2015.

Karpatkin, H, Euparadorn E, et al. Foot drop in Multiple Sclerosis: Evaluation and treatment. Consortium of Multiple Sclerosis Centers Annual Meeting, Houston TX, May 30, 2014

Backus D, Sosnoff, J, **Karpatkin, H**, Increasing volume and intensity in Multiple Sclerosis gait training" in: People with MS can be healthier, despite their MS". Consortium of Multiple Sclerosis Centers Annual Meeting Houston TX, May 30 2014

Karpatkin, H, Cohen E et al. Multiple Sclerosis from diagnosis to intervention: Translating science into clinical practice. A 2-day preconference course. American Physical Therapy Association, Combined Sections Meeting, San Diego, CA. Jan. 20-21, 2013.

Karpatkin, H, Euparadorn E. Shoulder pathology in Multiple Sclerosis: Etiology, evaluation and treatment.. Consortium of Multiple Sclerosis Centers Annual meeting 2013. Orlando Fla, May 1, 2013.

Galgon A, Hoder, J, **Karpatkin H**. Vestibular disorders of central origin: Creating clinically based evidence. American Physical Therapy Association Combined Sections Meeting, San Diego, CA, Jan. 23, 2013

Csiza L. **Karpatkin H** et al. Multiple Sclerosis: Physical Therapy examination and intervention across the spectrum of disability and continuum of age. American Physical Therapy Association, Combined Sections Meeting, Chicago, Ill. Feb 9, 2012

Peer-Reviewed Presentations by **Dr. Herb Karpatkin** (posters)
2000 – Present

- Karpatkin, H.,** Schroeder, D., Meredith, L., Pollster, E., Sheer, P., & Gayeski, E. (2018, February). *Effects of fatigue on mobility in persons with parkinson's disease.* Combined Sections Meeting of the American Physical Therapy Association. New Orleans, LA. Poster Presentation.
- Karpatkin, H.,** McDarby, M., Navrovlanski, M., Perez, B., Rimawi, I., & Babyar, S. (2017, February). *Effect of fatigue on spasticity in multiple sclerosis.* Combined Sections Meeting of the American Physical Therapy Association, San Antonio, TX. Poster Presentation.
- Karpatkin, H.I.,** Gardner, N., Broker, N., Xu, A., Benson, A., & Ramos, N. (2016, December). *Effect of velocity training on gait endurance in persons with MS: partial results of an ongoing study.* Seventh Annual International Symposium on Gait and Balance in MS. Portland, OR. Poster Presentation.
- Karpatkin, H.I.,** Narovlianski, M., Rimawi, I., McDarby, M., & Perez, B. (2016, June). *Effect of fatigue on spasticity in multiple sclerosis.* Consortium of Multiple Sclerosis Centers Annual Meeting. National Harbor, MS. Poster Presentation.
- Karpatkin, H.I.,** Karsten, J., Bianchi, C., McLoughlin, A., & Rocchio, M. (2016, June). *Effect of fatigue on sensory impairment in multiple sclerosis.* Consortium of Multiple Sclerosis Centers Annual Meeting. National Harbor, MS. Poster Presentation.
- Karpatkin, H.I.,** Sosowski, E., Zinberg, W., & Higgins, M. (2015, June). *effects of cooling during gait on gait endurance in persons with multiple sclerosis.* Consortium of Multiple Sclerosis Centers Annual Meeting. Indianapolis, IN. Poster Presentation.
- Karpatkin, H.I.,** Karsten, J., Bianchi, C., McGloughlin, A., & Rocchio, M. (2015, October). *Effect of fatigue on sensory impairment in multiple sclerosis: Partial results of an ongoing study.* Fifth Annual International Multiple Sclerosis Gait and Balance Symposium. Portland, CO. Poster Presentation.
- Karpatkin, H.,** Zervas, M., Park, D., Wright, C., & Klein, S. (2014, October). *Effects of an eight-week maximal strengthening program on gait and balance measures in multiple sclerosis.* Fourth Annual International Multiple Sclerosis Gait and Balance Symposium. Cleveland, OH. Poster Presentation.
- Karpatkin, H.I.,** DiCarrado, S., Dungan, B., Potrzba, J., & Huallpa, E. (2014, June). *Comparison of an intermittent vs. continuous walking program in persons with multiple sclerosis using the 6 minute walk test: A randomized crossover pilot study.* Consortium of Multiple Sclerosis Centers Annual Meeting. Houston, TX. Poster Presentation.

Karpatkin, H., Evans, D., Avolio, M., Ock, S., & Lang, E. (2013, June). *Straight leg raise performance in with multiple sclerosis is different in intermittent as opposed to continuous protocols.* Consortium of Multiple Sclerosis Centers Annual Meeting. Orlando, FL. Poster Presentation.

Karpatkin, H.I., DiCarrado, S., Dungan, B., Potrzba, J., & Huallpa, E. (2013, October). *Comparison of an intermittent vs. continuous walking program in persons with multiple sclerosis using the six-minute walk test: Partial results of a randomized crossover pilot study.* Third Annual International Multiple Sclerosis Gait and Balance Symposium. St. Louis, MO. Poster Presentation.

Karpatkin, H., Erlandson, K., Gibbons, S., Griffith, H., & Kalanda, L.A. (2012, June). *Berg Balance Scale scores in persons with multiple sclerosis are different in fatigued vs. non-fatigued conditions.* Consortium of Multiple Sclerosis Centers Annual Meeting. San Diego, CA. Poster Presentation.

Karpatkin, H., Briesmeister, B., Luu, R., Napolione, D., & Hartman, R. (2012, February). *Intermittent walking results in greater distance and less fatigue than continuous walking in multiple sclerosis.* Combined Sections Meeting of the American Physical Therapy Association. Chicago, IL. Poster Presentation.