

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

- 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.
- 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 Presentations by **Dr. Herb Karpatkin**
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.