



Educational Session

Alon G

“Neuromodulation: Evidence-Based Treatment Options Available in PT Practice”

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Neuromodulation is a term used by researchers and clinicians interested in the latest approaches to manage multiple medical-clinical conditions. Numerous studies are published in peer-reviewed journals where clinicians, including PTs, are using neuromodulation options under different terminologies. The speakers will review the electrophysiologic mechanisms that govern neuromodulation-based clinical interventions. The presenters will provide examples of how to incorporate electrotherapeutic neuromodulation in the management of various types of pain, including low back pain, peripheral neuropathic and neurovascular pain, migraine and other types headaches, and how to enhance performance of selected activities of daily living (ADL) using neuromodulation. The presentation also will include the latest evidence supporting the use of noninvasive stimulation of cranial nerves as well as noninvasive stimulation of the brain.