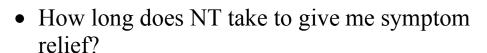


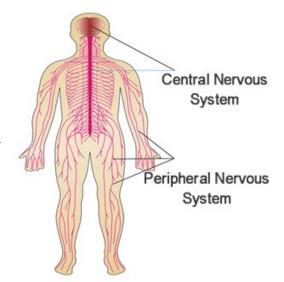
DANIEL A. CLEARFIELD, DO, MS, FAOASM **SPORTS MEDICINE & NON-OPERATIVE ORTHOPEDICS** OSTEOPATHIC MANIPULATIVE MEDICINE REGENERATIVE MEDICINE **CONCUSSION MANAGEMENT** (817) 900-3539 WWW.MOTIONISMEDICINEDFW.COM

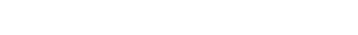
Neural Therapy for Nerve Pain

- What is neural therapy (NT)?
- An injection just under the skin (subcutaneously) close to the small sensory nerves that restores their normal function
- How does neural therapy work?
- o NT treats a type of inflammation called neuropathic inflammation. Nerves normally make proteins to promote healing but when irritated they may make damaging proteins. A small injection of dextrose solution reduces this inflammation, which reduces pain.
- o Imagine the nerves in your body are like a tree. The tree trunk is the main nerve and the smaller nerves form the branches and then leaves. The leaves are like the small sensory nerves that the injection treats. Once the leaves are calmed down the branches and trunk can begin to return to their normal function.



- You can expect to have relief in minutes once the injection is done. The injection may only need to be done once to have full symptom resolution but sometimes a course of injections is needed to provide full relief.
- o Often times the nerve pain isn't like an on-off switch but like a volume control. This volume control may dial down after an injection and then rebound back up, but after a series the dial is then switched to an "off" position and the nerve functions correctly from then on out.
- Why can't I take a pill to fix the symptoms?
- So far there have been no medications studied that are as safe or as effective as neural therapy. In addition some creams have been shown to be effective like vitamin D and dextrose creams.





Document created by Matthew Dow, DO, PGY2; August 2018