

References & Case Studies

- Amalu, W., et al. Applied Upper Cervical Biomechanics Course. International Upper Cervical Chiropractic Association, Redwood City, CA 1993.
- Arky, R., et al., Physicians' Desk Reference (PDR). Montvale, NJ. Medical Economics Data Production Co., 2003.
- Blair Upper Cervical Chiropractic Certification. Palmer College of Chiropractic, Davenport, IA 2005.
- Breig A. Adverse Mechanical Tension in the Central Nervous system, An Analysis of Cause and Effect, Relief by Functional Neurosurgery. Almqvist & Wiksell International, Stockholm, Sweden, 1978.
- Canavan D, Graff-Radford SB, Gratt BM. Traumatic dysesthesia of the Trigeminal nerve. J Orofac Pain 1994 Fall; 8(4): 391-6.
- Elias WJ, Burchiel KJ. Trigeminal neuralgia and other neuropathic pain syndromes of the head and face. Curr Pain Headache Rep 2002;6(2):115-24
- Ericson, K: Upper Cervical Subluxation Complex - A Review of the Chiropractic and Medical Literature. Baltimore, MD, Lippincott, Williams & Wilkins, 2004.
- Fuchs P. On the treatment of posttraumatic neuritis and neuralgia in the jaw region. Fortschr Kiefer Gesichtschir 1967; 12: 41-5.
- Gao S, Wang Y, Wang Z. Assessment of trigeminal somatosensory evoked potentials in burning mouth syndrome. Chin J Dent Res 2000 May; 3(1): 40-6.
- Gregg JM. Post-traumatic trigeminal neuralgia: response to physiologic, surgical and pharmacologic therapies.
- Grostic, JD. Dentate Ligament-Cord Distortion Hypothesis. Chiro Research J, 1988; 1(1): 47-55.
- Guyton, A., Hall, J.: Textbook of Medical Physiology. Philadelphia, W.B. Saunders Co., 2000.
- Hinson R. Upper Cervical Neurology and Trigeminal Neuralgia. Abstracts From the 16th Annual Upper Cervical Spine Conference, 1999. Marietta, GA.
- Hinson R, Brown S. Chiropractic Management of Trigeminal Neuralgia: A Preliminary Study. 130th Annual Meeting of the American Public Health Assoc., 2002.
- Jaaskelainen SK, Forssell H, Tenovu O. Electrophysiological testing of the trigeminofacial system: aid in the diagnosis of atypical facial pain. Pain 1999 Mar; 80(1-2): 191-200.
- Kale, MU. Kale Certification Residency Program. Spartanburg, SC, 2004.
- Knibestol M, Hildingsson C, Toolanen G. Trigeminal sensory impairment after soft-tissue injury of the cervical spine. A quantitative evaluation of cutaneous thresholds for vibration and temperature. Acta Neurol Scand 1990 Oct; 82(4): 271-6.
- Mayo Clinic. 200 First Street Southwest, Rochester, MN 55905
- McGlone R, Morton RJ, Sloan JP. Trigeminal pain due to whiplash injury. Injury 1988 Sep; 19(5): 366.
- Moritz M, Niederdelmann H, Dammer R. Involvement of the Trigeminal nerve in fractures of the face. Rev Stomatol Chir maxillofac 1995; 96(1): 46-9.
- Nappi G, Facchinetti F, Bono G. Plasma opioid levels in post-traumatic chronic headache and Trigeminal neuralgia: main-tained response to acupuncture. Headache 1982 Nov; 22(6): 276-9.
- National Upper Cervical Chiropractic Association Guidelines and Standards of Care. NUCCA. Monroe: 1997
- Paillas JE, Pellet W, Rakotobe A. Post-traumatic facial algia. Rev Otoneuroophthalmol 1970 Jan-Feb; 42(1): 5-13.
- Palmer, B.J.: Chiropractic Clinical Controlled Research, Vol. XXV. W.B. Cronkey Company, Hammond, IN, 1996 (reprint).
- Palmer, B.J.: Subluxation Specific, Adjustment Specific, Vol. XVIII. 1991 (reprint).
- Rana NA. Natural History of Atlanto-Axial Subluxation in Rheumatoid Arthritis. Spine, 1989; 14(10):1054-1056.
- Ren K, Dubner R. Central nervous system plasticity and persistent pain. J Orofac Pain 1999 Summer; 13(3): 155-63; discussion 164-71.
- Rozenfel'd LG, Timofeev AA, Borisenko ON. Thermographic diagnosis of diseases of the maxillofacial area. Stomatologiya 1989 Jan-Feb; 68(1): 54-8.
- Sessle BJ. Neural mechanisms and pathways in craniofacial pain. Can J Neurol Sci 1999 Nov; 26 Suppl 3:57-11.
- Sweat, RW. Atlas Orthogonal Board Certification. Life University, Atlanta, GA, 2005.
- Szabo G, Hoffman J. Posttraumatic trigeminal neuralgia. Fogorv Sz 1973 Sep; 66(9): 268-71.
- Tierney, L.M., et al.: Current Medical Diagnosis and Treatment 2005, 44th Edition. New York, NY, Lange Medical Books, McGraw-Hill, 2005.
- Tomasi J. what Time tuesday? International Christian Servants, Oklahoma City, OK. 2005
- Upper Cervical Diplomat Program, Sherman College of Straight Chiropractic. Spartanburg, SC, 2005.
- Weigel G, Casey KF. Striking Back! The Trigeminal Neuralgia Handbook. Published by the Trigeminal Neuralgia Assoc., 2000.
- Woda A, Pionchon P. A unified concept of idiopathic orofacial pain: pathophysiologic features. J Orofac Pain 2000 Summer; 14(3): 196-212.

TRIGEMINAL NEURALGIA



Trigeminal Neuralgia (TN) is described as one of the most severe pains known to man. It is a disorder of the trigeminal nerve that produces sudden, excruciating bouts of facial pain.

Can Upper Cervical Spinal Care help?

HEALTHY LIVING
SPINAL CARE

©2022 Healthy Living Spinal Care. All Rights Reserved.

HEALTHY LIVING
SPINAL CARE

healthylivinghickory.com

TRIGEMINAL NEURALGIA

Trigeminal Neuralgia (TN) is described as one of the most severe pains known to man. It is a disorder of the trigeminal nerve that produces sudden, excruciating bouts of facial pain. This pain typically strikes where the nerve branches to the nose, lips, eyes, ears, scalp, forehead, upper and lower jaw, and even the tongue. TN most often affects only one side of the face, and, over time, the pain usually increases in severity and frequency. The pain is so intense that TN is often referred to as the "suicide disease."

"By the grace of God, my wife heard about Upper Cervical care on the radio. Within eleven days of my first Upper Cervical correction, after three corrections, I had no pain!"

Renowned author and Upper Cervical advocate, Pastor James Tomasi knows the agony firsthand, having fought the pain of TN for twelve years. In his book, *What Time Tuesday?*, Tomasi details his struggle with TN:

"The pain started as a series of jolts that progressively became a steady, throbbing pain. Sometimes, it was like a drill going through my molars in my upper right jaw. Then, it would suddenly stop. Certain things would trigger the pain: a touch with a toothbrush, soap on my cheek, opening my mouth, speaking, turning my head too fast, even a slight breeze. Other times, I would awaken to the sensation of an electric drill driving bits into the back of my eyeball. It was so unbearable that I would scream out loud while I held the pillow over my face."

MEDICAL TREATMENTS FOR TRIGEMINAL NEURALGIA & ASSOCIATED FACIAL PAIN

The most common medical treatments for TN include either prescription medications or surgery. Typical drugs used to treat this disorder are anti-seizure drugs, such as Tegretol® or Neurontin®. In recent years, different drugs such as Trileptal®, Topamax®, Depakote® and even anti-depressants have been prescribed for TN.

However, over a period of time, the drugs' effectiveness may diminish or serious side effects may develop. As a last resort, many TN patients consider surgery to end their suffering. According to the Mayo Clinic, the goal of most surgical procedures is to either damage or destroy the part of the trigeminal nerve that is the source of the pain. Because the success of these procedures depends on damaging the nerve, one

obvious side effect is facial numbness. Some of the more common surgical procedures include:

- Radiofrequency Rhizotomy
- Glycerol Rhizotomy
- Balloon Compression
- Microvascular Decompression
- Gamma Knife

A recent medical report revealed a 50% failure rate for the treatment of trigeminal neuralgia.

CAN UPPER CERVICAL SPINAL CARE HELP MY TRIGEMINAL NEURALGIA?

The most common misperception about Upper Cervical care is that it only helps back and neck pain. Although our doctors can certainly help those who come to us seeking relief from back and neck pain, we help patients suffering from a variety of conditions, including Trigeminal Neuralgia. Healthy Living Spinal Care has helped thousands of patients restore their health through Upper Cervical Spinal Care.

Upper Cervical Chiropractors recognize that the body is a self-healing organism controlled and coordinated by the central nervous system, which is protected by the skull and spine.

UPPER CERVICAL SPINAL CARE; A SIMPLE CONCEPT

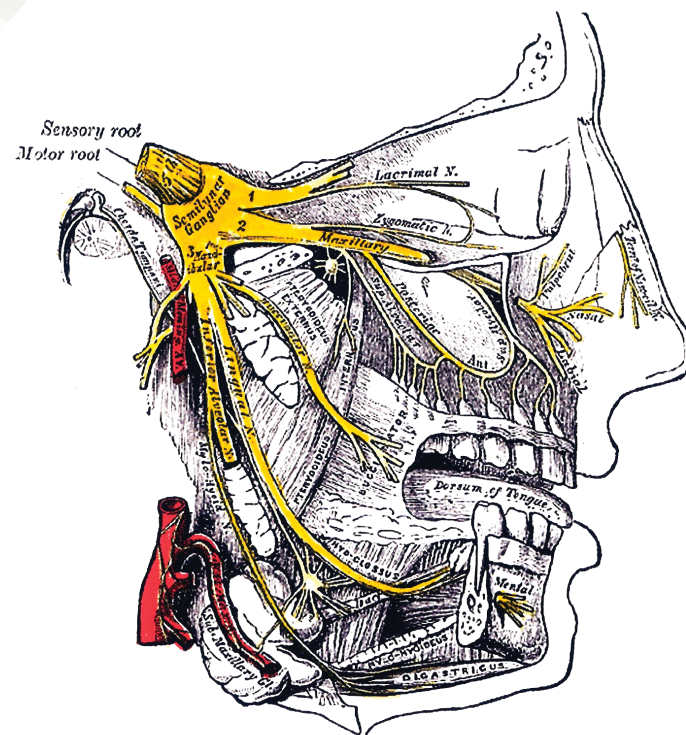
Upper Cervical care is based on the universal law of cause and effect. For every effect or symptom, physical or mental, there must be a root cause. At Healthy Living Spinal Care, we focus on locating and removing interference to the nervous system that can be the cause of the health condition. Removing this interference allows the body to heal itself naturally without drugs or surgery. An Upper Cervical correction is very controlled; there is no pulling, tugging, or jerking of the head. This precise yet gentle touch allows the head, neck, and spine to return to the proper position, thus removing the interference and restoring balance to the body.

UPPER CERVICAL SPINAL CARE & TRIGEMINAL NEURALGIA

Research shows that TN is caused by irritation or damage to the trigeminal nerve and the central

trigeminal system in the upper spinal cord and brain stem. Medical reports also suggest that trauma to the head, neck, and upper back can injure the nerve pathways in the spinal cord and brain stem and cause TN. The facial pain can begin immediately after the injury, or in some cases, takes months or years to develop.

A recently pilot study, conducted at Life University's Sid E. Williams Research Center, yielded impressive results with Trigeminal Neuralgia patients. The participants received Upper Cervical care over the course of eight weeks. Every TN patient who participated in the study had major pain relief within the first four weeks and continued to improve gradually after that. Research director, Dr. Roger Hinson, suggests that when TN develops, it may be because an Upper Cervical misalignment has contributed to the hyperactive state of the nerve, thereby causing the severe facial pain associated with TN.



* "File:Gray778 Trigeminal.png" by No machine-readable author provided. Lipothymia assumed (based on copyright claims). is marked with CC BY-SA 3.0. To view the terms, visit <https://creativecommons.org/licenses/by-sa/3.0/?ref=openverse>