

Harnessing the understanding and advancement in neurology and neurosurgery

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Abstract

Understanding the Relation of neurology and musculoskeletal diagnosis; the human nervous system is described as one of the most complex systems in all of nature. It is responsible for coordinating thousands of processes, from muscle contraction while cutting wood to smiling and crying. Over 100 billion specialized neurons are found in the human brain. This lecture will discuss the multiple eye and ear symptoms that may be causally related to neurologic, musculoskeletal, otologic, ophthalmologic, or temporomandibular diagnoses, and it will differentially discuss the non-neurological causations that can confuse doctors or specialized fields. Anatomical consideration regarding blurred vision, retro-orbital pain, lacrimation photophobia, otalgia, ear congestion, itchy ear, subjective hearing loss, phonophobia, vertigo and tinnitus will be discussed with explanations of a cause that does not initiate neurologically.

Biography :

Richard Klein, DDS exclusively treats OSA and TMD. He has not practiced routine dentistry for 24 years. He has been teaching St. John Hospital residents monthly lectures for 15 years and is a clinical professor at Michigan State Osteopathic Medical School. He has diplomat status in Obstructive Sleep Apnea from the American Sleep and Breathing Academy and the American Academy of Craniofacial Pain management, with TMD Mastership from both ICCMO and AACP and fellowship in the Royal Society of Health (England). He has lectured in 14 countries, is published in multiple journals and has authored a chapter on TMD in the Anthology of Craniomandibular Orthopedics Vol IV. He served as clinical investigator, a study utilizing lasers for dentistry and pain management in 1988 and has been asked to speak in Washington DC to the Department of Transportation, the Federal Motor Carrier Safety Association as well as to US Senators and the US Congress.

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