

Global Summit on **BRAIN DISORDERS AND THERAPEUTICS**

June 07, 2021 | Webinar

Salutogenesis, stress responsivity, and Neurobiological mechanisms associated with vertebral subluxation. Review and commentary**Christopher Kent***Sherman College of Chiropractic. USA*

The term salutogenesis was coined by sociologist Aaron Antonovsky in 1979. It is derived from the Latin *salus*, meaning health, and *genesis*, meaning to give birth. The salutogenic model addresses the causes of global well-being rather than the origins of specific disease processes. It focuses on strategies and lifestyle choices that empower individuals to experience the full spectrum of the human experience. Salutogenic theory goes to the very essence of neurobiology. It has been noted that neurological processes (as well as anatomical structures) are remodeled by sensory input. These processes, collectively termed neuroplasticity, are operative at all levels of the nervous system. Furthermore, whether a challenge is perceived as a threat (dis-stress) or an opportunity for growth (eu-stress) determines the nature of the response by the nervous system. The ability of the nervous system to mount qualitatively and quantitatively appropriate responses to changes in the internal and external environments. Vertebral subluxations occur when misalignment of a vertebra results in abnormal nerve function. Putative neurobiological mechanisms include spinal cord compression and adverse cord tension, nerve root compression, local irritation, vertebral artery compromise, autonomic dysfunction, ephaptic transmissions and coherence and oscillatory patterns. As human beings, we have the ability to control the modulating factors in salutogenesis. We can choose to experience social support, spirituality, happiness, humor and love through a nervous system free of distortion and interference. We can exercise control, commitment, and challenge through biomechanisms that are not compromised.

Biography

Christopher Kent, D.C., J.D. is a Professor and Director for Scholarly Activity at Sherman College of Chiropractic. He is president of the Foundation for Vertebral Subluxation. Dr. Kent was named a Fellow of the College of Chiropractic Imaging, and completed visiting fellowship programs in magnetic resonance imaging. He is an active member of the State Bar of California and is admitted as an attorney of the U.S. District Court, Southern District of California. His research interests include diagnostic imaging and neurological assessments associated with vertebral subluxation.

ckent@sherman.edu