

ADHD AND CHIROPRACTIC

HEALTH ISSUES #40

Attention-deficit/hyperactivity disorder (ADHD) is a developmental neurobehavioral disorder characterized by symptoms of inattentiveness, hyperactivity, and impulsiveness. It affects up to 10% of children and 5% of adults worldwide. The number of children being diagnosed ADHD, has increased 53 percent in the past decade. Emerging research is demonstrating that spinal nerve dysfunction may play either a primary cause or significant contributing factor in ADHD.

“Up to 50% of children with ADHD exhibit motor abnormalities including altered balance and postural abnormalities.”

GAIT POSTURE

Buderath, P, Gartner, K, Frings, M. Postural and gait performance in children with attention deficit/hyperactivity disorder. 2009 Feb;29(2):249-54

Humans are born with a reflex called “symmetric tonic neck reflex” (STNR). This reflex helps us to operate our upper and lower body independently.. This can be achieved through crawling for at least six months. It has been found that at least 75 percent of those diagnosed with ADHD/learning disorders had immature symmetric tonic neck reflex contributing to their condition.

Konicarova J, Bob, P, Raboch, J .Persisting primitive reflexes in medication-naïve girls with attention-deficit and hyperactivity disorder, *Neuropsychiatric Disease and Treatment* 2013; 9

“Disruption of neurological signaling results in ADHD-like behavioral manifestations.”

Sandau, S.Astrocyte-Specific Disruption of SynCAM1 Signaling Results in ADHD-Like Behavioral Manifestations *PLoS One*. 2012; 7(4)

The reduction of the upper cervical vertebral subluxation was concomitant with improved quality of life, sleep and visual evoked responses in a patient with Attention Deficit Disorder.

Dickholtz M. Improvement in Quality of Life in a Patient with ADHD *Journal Upper Cervical Chiro Res*. August 27, 2012:71-6

“Our findings found improvement in ADHD symptoms as well as behavioral, social, or emotional difficulties, and (they) provide supporting evidence on the effectiveness of chiropractic in the treatment of children with ADHD.”

Explore (NY). 2010 May-Jun;6(3):173-82. The chiropractic care of children with attention-deficit/hyperactivity disorder: a retrospective case series.

