# SEIZURES & CHIROPRACTIC

## SEIZURE FACTS

Epilepsy is a condition of the brain causing seizures.

A seizure is a disruption of the electrical communication between neurons

Someone is said to have epilepsy if they experience two or more unprovoked seizures separated by at least 24 hours

65 MILLION: Number of people around the world who have epilepsy.

3 MILLION: Number of people in the United States who have epilepsy.

1 IN 26 people in the United States will develop epilepsy at some point in their lifetime.

BETWEEN 4 AND 10 OUT OF 1,000: Number of people on earth who live with active seizures at any one time.

150,000: Number of new cases of epilepsy in the United States each year

ONE-THIRD: Number of people with epilepsy who live with uncontrollable seizures because no available treatment works for them.

6 OUT OF 10: Number of people with epilepsy where the cause is unknown.

0.6% of children aged 0 to 17 years have active epilepsy. When applied to the 2013 population, this is about 460,000 children aged 0 to 17 years.

Of the 150,000 new cases of epilepsy diagnosed each year, approximately 50,000 of these cases will be diagnosed in children and adolescents under the age of 18.

Epilepsy affects people at different ages and in different ways. For some, it will be a temporary problem, for others, it may be a lifelong challenge affecting many areas of life.

The patient reported on in this study was a 19-year-old male teenager diagnosed with posttraumatic epilepsy following a traumatic brain injury six months prior. He was also suffering from headaches and dizziness after being struck in the head with a 12 pound nail gun that fell off a roof.

After six months of medical care and medications failed to help him he sought care from a chiropractor who examined him, took x-rays and found significant structural shifts in his upper neck. These structural shifts can lead to obstruction of the nerves and it is this obstruction, called vertebral subluxations, that chiropractors correct.

Following chiropractic adjustments he experienced resolution of his symptoms. The authors call for more research on the effects of subluxation reduction on seizure activity.

*Resolution of Post-traumatic Epilepsy, Headaches & Dizziness Following Upper Cervical Chiropractic Care in a 19-Year-Old Male: Case Study & Review of the Literature. Scott A. Null, D.C. & Logan A. Null, D.C. Journal of Upper Cervical Chiropractic Research ~ March 4, 2019 ~ Pages 11-18*