

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 the study was a 3-year-old boy with a history of seizures since age one and self aggressive behavior.

By the time he was 2-years-old he was having up to five seizure episodes per day, every day. His arms would quickly jerk back and forth, bending at the elbows and going back and forth across his body. The parents reported that he would hit his head with his fists repeatedly 5-10 times per day.

The boy was examined and significant structural shifts were found 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 the patient's first chiropractic adjustments, he did not experience any seizures after leaving the clinic and the parents also reported that their child was no longer hitting his head with his fists.

Reduction of Seizures & Self Aggression Following Chiropractic Care to Reduce Upper Cervical Subluxation in a 3-Year-Old Male: A Case Study & Review of the Literature. Paige Sigmon, DC, Matthew Hudson, DC & Joel Alcantara, DC. Journal of Upper Cervical Chiropractic Research ~ April 5, 2018 ~ Pages 13-18

