

**Children living in a unsafe, stressed or unstable environment triggers the stress hormone cortisol. This state of arousal causes inflammation. The omega 3 in MOXXOR rescinds inflammation and calms following areas:**

### Sensory

The omega 3 in Moxxor stops inflammation and the antioxidant provides for cell repair to the sensory system. This combination calms the sensory system and allows the brain to experience touch, intimacy and friendship. When the sensory system is calm it allows us to feel touch as nurturing, safe and as a bonding experience. Touch in synergy with movement is the foundation for learning.

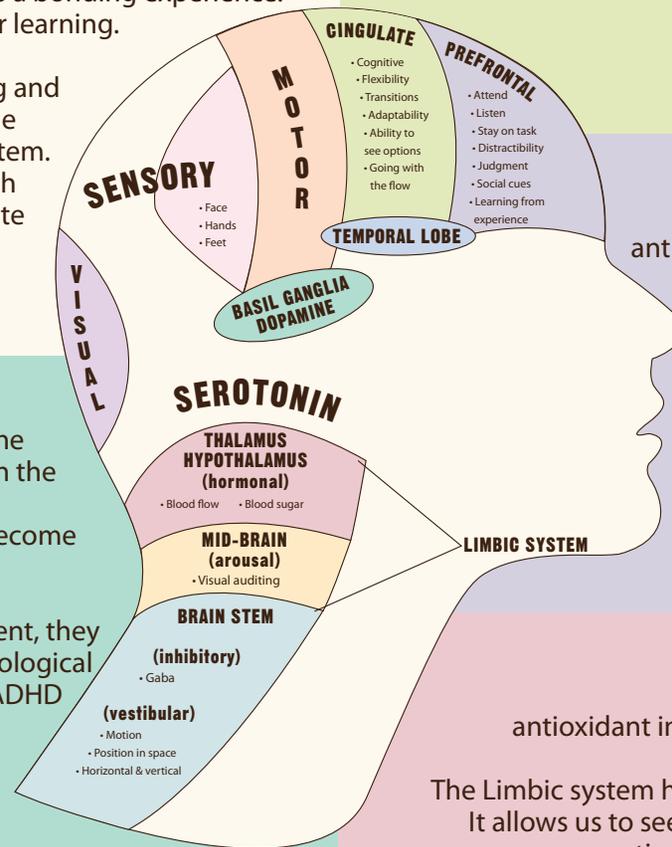
Learning, which is the process of decoding, organizing and understanding language at a higher level, occurs in the temporal lobe. This is facilitated by a calm sensory system. When the sensory system is aroused or inflamed, touch becomes a negative experience. Frustration, anger, hate and violence are by-products of arousal in both the sensory system and the temporal lobe regions.

### Basil Ganglia - Dopamine

The Basal Ganglia is very vascular and rich. It houses the powerful neurotransmitter dopamine. Inflammation in the Basal Ganglia affects the neurotransmitter dopamine. Serotonin and Gaba are also neurotransmitters that become affected by brain inflammation.

When neurotransmitters are in an inflamed environment, they cannot work at their optimum level resulting in psychological disorders such as Depression, Anxiety, OCD, Bi-Polar, ADHD and Autism Spectrum Disorder. Postural stability and the ability to initiate movement are also affected.

When the neurotransmitters are in an environment that lacks inflammation they will know their job as an activator or as an inhibitor. For example, when Gaba is working correctly it should be an inhibitor. Gaba stops the brain from over loading and is the first defense against arousal. When neurotransmitters work correctly as an activator they help control the threshold for seizures. They stop the brain from activating seizures.



### Gingulate

The omega 3 in Moxxor stops inflammation and the antioxidant provides for cell repair to the cingulate. This combination calms the cingulate and allows the brain to

- have cognitive flexibility
- transition
- be adaptable
- have the ability to see options
- have the ability to go with the flow

### Prefrontal Lobe

The omega 3 in Moxxor stops inflammation and the antioxidant provides for cell repair to the prefrontal lobe. This combination calms the prefrontal lobe and allows the brain to

- attend
- listen
- stay on task
- have good judgement
- follow social cues
- learn from experience
- control distractibility

### Limbic System

The omega 3 in Moxxor stops inflammation and the antioxidant in Moxxor provides for cell repair in the Limbic System.

The Limbic system helps us store memories as either positive or negative. It allows us to see the world as inherently good or bad. It determines if we are an optimist or a pessimist. If the Limbic system is aroused and inflamed, it can only store negative emotional memories and triggers the internal stress hormone cortisol. Cortisol damages every aspect of the nervous system. Moxxor's ability to work in synergy with this system allows us to see the world as inherently good.