# The Brain Misfires and the Body Shuts Down!

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How does it all go wrong? The human brain is a complex machine that operates the functions of each and every single cell in our bodies. When our brain is functioning properly, our body is functioning properly. But what happens if your brain starts functioning improperly? To answer that question is to answer the question: Why Did My Body Go Wrong?

You've been to the doctors, you've been to specialists, you've had tests conducted on you, maybe you've been given drugs or surgery; and still, your symptoms persist. You haven't been given much information about your condition and you haven't been given any answers by anyone that you have seen. You have gone through the system, and despite still not received clear answers or results you expected.

Everyone that thought that there was nothing they could do, no way out of the dark tunnel; they are now seeing the light at the end of the road. How is this possible? All of this is accomplished using a patient-centered diagnosis, state-of-the-art technological equipment and a modern health discipline called Functional Neurology.

Patient-centered diagnoses are completely individualized and discovers the roots of your symptoms. Rather than labeling the sources of your symptoms with unknown or unexplained phenomena, a patient-centered diagnosis involves thorough and meticulous techniques that identify each of your symptoms systematically. The patient also sees the results for themselves, not only because the doctor shows them what is happening; but also, because the treatments produce noticeable, positive results.

## Where Do My Symptoms Come From?

You have symptoms that disable you from living your life to the fullest; preventing you from living the way that you deserve. Your symptoms may be pain, migraines, fatigue, dizziness, inattention, depression, skin irritations, joint discomfort, irritability, memory loss, tremors, hearing loss, vision problems, intestinal disorders... the point is that no matter what your particular symptoms may be, they have worsened and you want to know why.

Brain cells communicate with electrical impulses and anything electrical can misfire, especially when exposed to harmful substances. The human brain can even short circuit, as in the case of a seizure.

What you may not realize is that so many of the chronic ailments that plague people today come from chronic misfiring of circuitry as the brain attempts to communicate with and regulate the other organs in the body. When the human wiring system is compromised, the human being compromised. Proper communication cannot occur and this is what leads to organs and tissue going haywire. The result? You name it: autoimmune disorders, organ failure, chronic pain, fatigue, weakness, vertigo, metabolic issues, etc... the list is endless. The chronic health issues of our time begin in the brain.

When the mechanism goes wrong it changes the whole world for the sufferer and it seems that it can't be turned off.

This is a radical departure from treating symptoms, *treating the underlying causes rather than the <u>symptoms forever</u>.* 

Until recent breakthroughs in modern medicine and our understanding of brain functioning, our healthcare system has been entirely focused on symptom management and disease management. Meanwhile, the physiology that led to the disease or chronic condition is largely ignored and the underlying process is rarely, if ever addressed.

On the 17th of July in 1990 Proclamation 6158 was written by George Bush and the decade was appropriately named: "The Decade of the Brain" and allowed for furthering our understanding of the human brain: how it functions, why it dysfunctions and, most importantly, solutions to its dysfunctions.

The Decade of the Brain allowed for over \$1.5 **billion** to be invested in active brain research. As a result, researching the brain has been conducted pioneered by world class researchers and scientists that continue to delve into the mechanisms that operate health.

#### **Brain-Based Neurological Treatments**

The new treatments provided by the advancements of Functional Neurology are changing the way that the medical community views chronic pain; most importantly: how it should be treated.

The contemporary approach of Functional Neurology does not focus on symptom management. Instead, it concentrates on identifying problems with causal mechanisms through the neurological communication of the wiring system and between the brain and the systems, and then systematically treats to restore neuro-visceral homeostasis.

Some of the symptoms and conditions that are treatable using these new methods of diagnosis and restoration are: fibromyalgia, chronic fatigue, chronic back and neck pain, restless leg syndrome, migraines, difficulty breathing, hormone imbalance, memory problems, insomnia, peripheral neuropathy, Irritable Bowel Syndrome, depression, anxiety, and various neurological disorders; including dizziness and vertigo.

#### What Does it feel like when Brain Misfires?

The body shuts down with an on-going sickness that may be described as anxiety or nerve disorder; chronic widespread pain... even in the hands and feet. The sufferer can experience insomnia, or waking up a certain hour each night and not able to fall back asleep; shortness of breath, and sometimes even forgetting to breathe.

It's like everything goes haywire; continuous pain back and neck pain that's truly never ending. Along with the body shutting down, there is difficulty in processing the oxygen that needs to get to the brain. Disruption of the brain's electrical vitality also causes fatigue and many neurological disorders too lengthy to list.

For some, the electrical imbalance may get so bad that may go into seizures. These misfiring nerve signals can some to experience tremors, tics, as well as obsessive compulsive disorder and attention deficit disorder, ADD. The symptoms of tics are involuntary movements throughout the body that are known as either simple tics (rapid eye blinking, jerking the neck, etc), or complex tics (a series of body movements). A condition called Dystonia is another movement disorder that can range from mild to constant muscle contraction in different parts of the body.

Not least of all is that it makes you nervous and irritated! It doesn't show on the outside but your body feel is shaking on the inside, like it is being choked slowly and invisibly; a clothes pin pinch sensation on your nerves. Many times, a patient's behavior is mistakeningly taken for "anger management issues" when the brain is misfiring!

It is scary, yet when you go to the doctor it is not pin-pointable; usually blamed on some type of nervous reaction or hormone imbalance. Generally these patients are given anxiety or sleeping pills. Sometimes due to side effects they may experience even more scary symptoms. Clumsiness or memory problems such as forgetting why you even entered a room is common; dizziness, an ominous feeling of a stroke or thoughts of doom. They're scared, sick of being medicated and just want their life back. This terrifying cascade of symptoms does NOT have to be mysterious.

### **Nerve Hypersensitivity**

Then there are those whose nervous system is so hypersensitive that it only takes driving over a bump in the road, or hearing a certain high pitched noise that sends them into a crisis of pain. This nerve hypersensitivity causes one to be sensitive to bumps, noise, and light. It produces distortions in the body (joints that misalign). Unresolved and re-occurring distortions, and pain, that send you to the doctor again and again... only to be ambiguously understood. You feel like your situation is strange, that there is no one that feels the way you do.

Stopping the madness begins with dealing with the origin of the cause. If the mechanism is never addressed, the condition may never resolve.

Using an evidence-based approach and empirically-supported treatments has enabled more and more people to affectively recover their health; and in many cases, achieve a higher life quality than they ever thought was possible. This has an enormous impact on far more than the science world, but the people suffering with chronic conditions who have been told that they would have to "live with their pain" *do not* have to live with their pain any longer.