

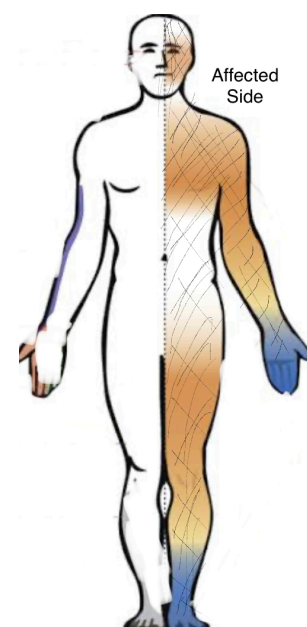
Motor Axonal Neuropathy (OR) Guillain-Barre Syndrome

Neuro-Optometric Rehabilitation & Vision Therapy in Motor Axonal Neuropathy

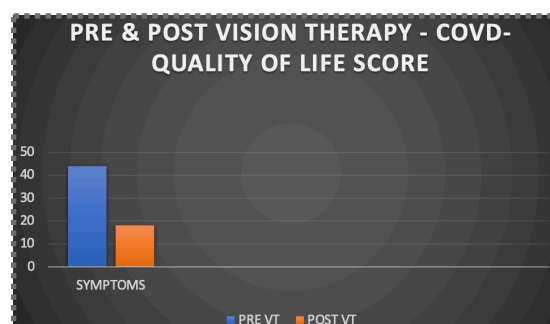
-Rabindra Kumar Pandey, Priya Pandey

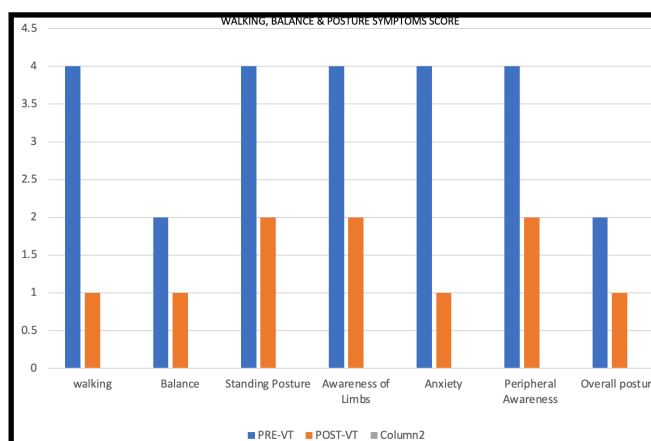
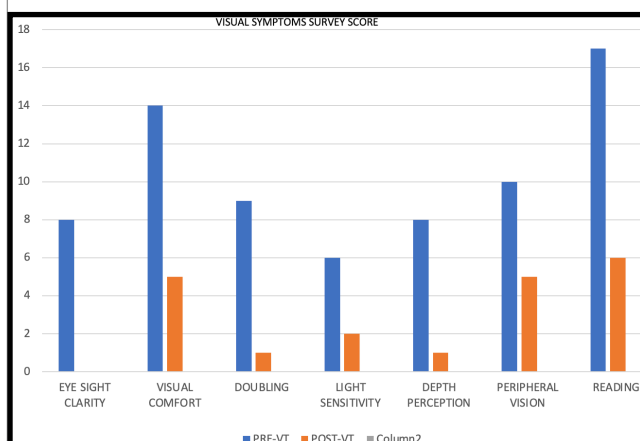
Motor Axonal Neuropathy - A Journey of a Patient

It is a very rare condition which is a variant of Guillain-Barre Syndrome, which is generally non inflammatory in nature where body's own immune system starts targeting and destroying selectively the axons of motor nerve cells. It is generally a progressive condition which produces the extreme weakness in the whole body, or in any particular limbs or region of the body. When it comes to Vision, Oculomotor Dysfunctions, Accommodation & Vergence Disorders along with loss of sensation of movements in eyes as well as reduced visual field are quite common symptoms in these patients. The patients with Motor Axonal Neuropathy also exhibit symptoms related to balance disorders and have huge difficulty in maintaining balance while walking and standing. This particular condition produces huge debilitating impact on overall Quality of Life of these patients. As involvement of Functional Visual Symptoms are quite higher in this rare condition, role of Neuro-Optometric Rehabilitation and Vision Therapy plays a very important role in treating this condition and improving the overall Quality of Life.



Here we are presenting a case of 20 years old/male who presented to us with known case of Motor Axonal Neuropathy with lots of complaints related to Functional Vision, Balance & Posture. After the initial examination we advised him to start with our Neuro- Optometric Rehabilitation





programme. His Pre Vision Therapy COVID - Quality of Life score was 44 which reduced to only 18- Post Vision Therapy. His Visual Symptoms Survey Score was initially 72 (PRE-VT), which is reduced to 20 (POST-VT).

His Balance, Walking and Standing posture symptoms score was 26 (Pre- VT), which is now reduced to only 10 (Post- VT).

Patient's Testimonial: ★★★★★

I was 20 years older and I was in my 3rd year of college, around that time I was feeling lots of shortness of breathe, so was breathing through mouth like a “fish out of the water.”

So one day in afternoon when I was taking my lunch, suddenly I felt that, I was not able to feel my left side of the left eye. I tried moving my eye but it was not moving at all. Then for next 4to 5 months I visited many hospitals and various eye care institutions but all said my eyes are fine but my condition kept going worse.

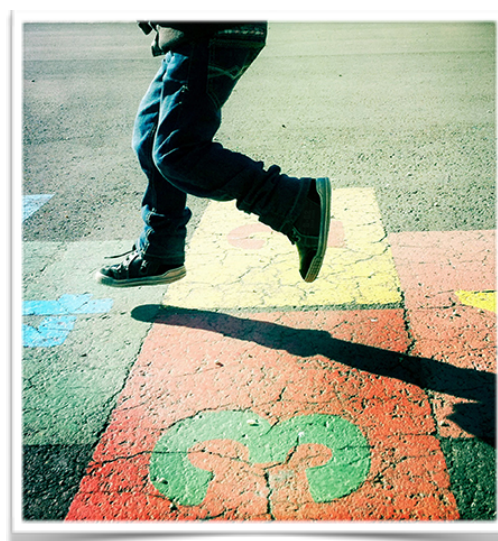
My symptoms kept on increasing and it went upto a point where I was - not able to feel my left side of body, 24X7 headache on my right side of the head, hardly getting sleep of 2-3 hrs at night, not able to open my eyes for more than 5 mins, I was having lots of eye strain along with mental confusions, and my cognitive abilities were severely affected.

Later in 2020 December, I went to Neurologist, where I came to know about my vitamin B12 & D3 deficiency, but all other reports including my MRI Brain came normal. I continued with medication suggested but was not getting much relief of my Visual Symptoms and balance related issues.

Then I approached a big eye hospital in Delhi where, I was suggested to start with Vision Therapy. I started finding for a better place for Vision Therapy and after doing lots of Research me & my elder brother found -Caring Vision Therapy & Neuro Vision Rehabilitation Centre which is located in Chennai.

After complete assessment I was advised to start with the Vision Therapy for my Vergence & eye movement related issues. So as per the advise I started the therapies here about 3-4 sessions/ week. Through therapies and medicine my condition started improving slowly, but I felt that still my real condition is not well known to me.

So in between May 2022- August 2022, I visited Apollo Hospital in Bilaspur, where I got diagnosed with “MOTOR AXONAL NEUROPATHY” by a Senior Neurologist.



So still I am continuing with my In- office Vision Therapy & medicines advised as per doctor and, I have almost improved by **70%**. All my Symptoms are fine now but still more improvement is needed. Continuing my Vision Therapy along with Syntonics Phototherapy and improving bit by bit.....(a journey of healing which can not be expressed in words.....)