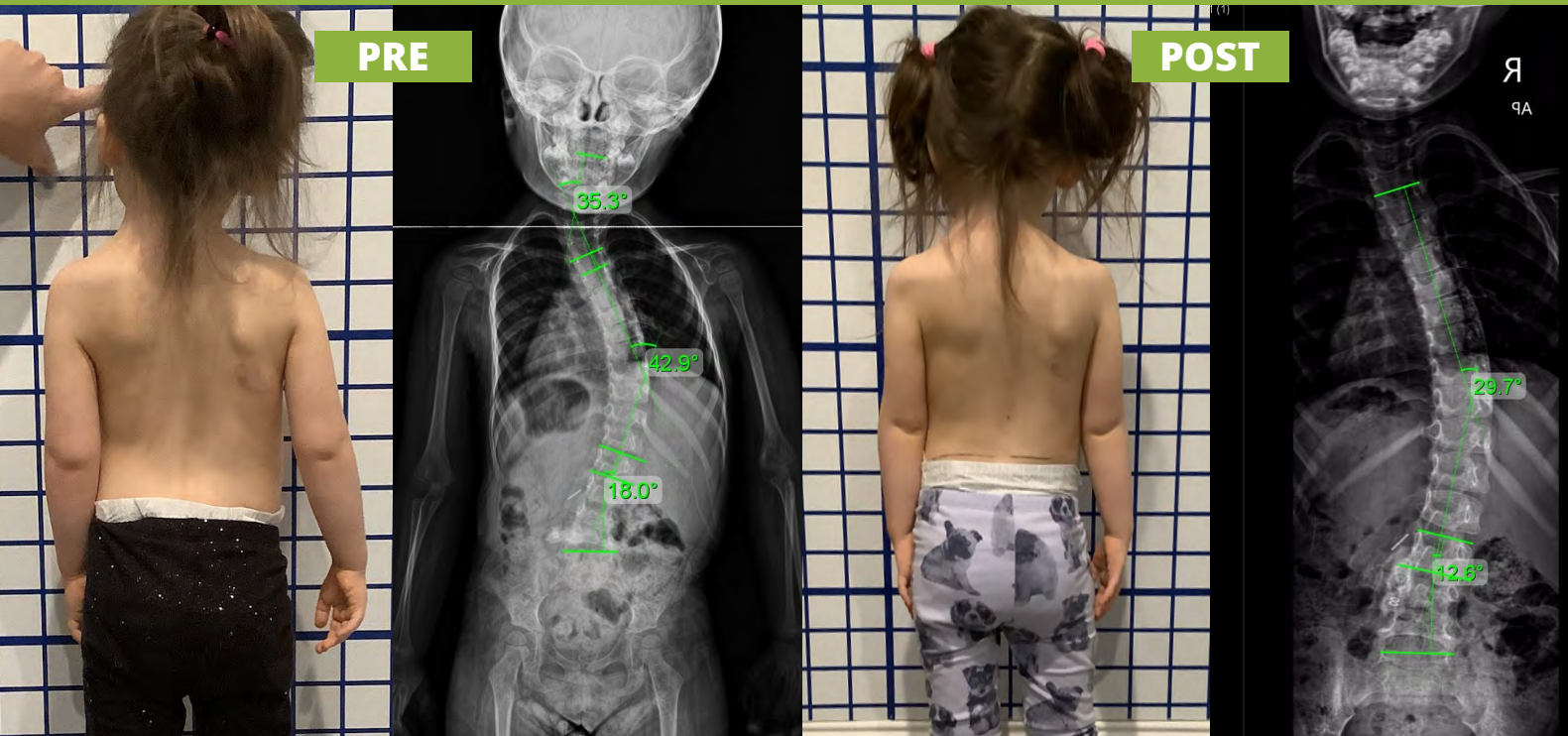


35.3°



Scoliosis Reduction Center® Case Study

Name: Viktoriya W

Type: Neuromuscular Scoliosis

Age: 0-2

Severity: Severe (40/45° - 80°)

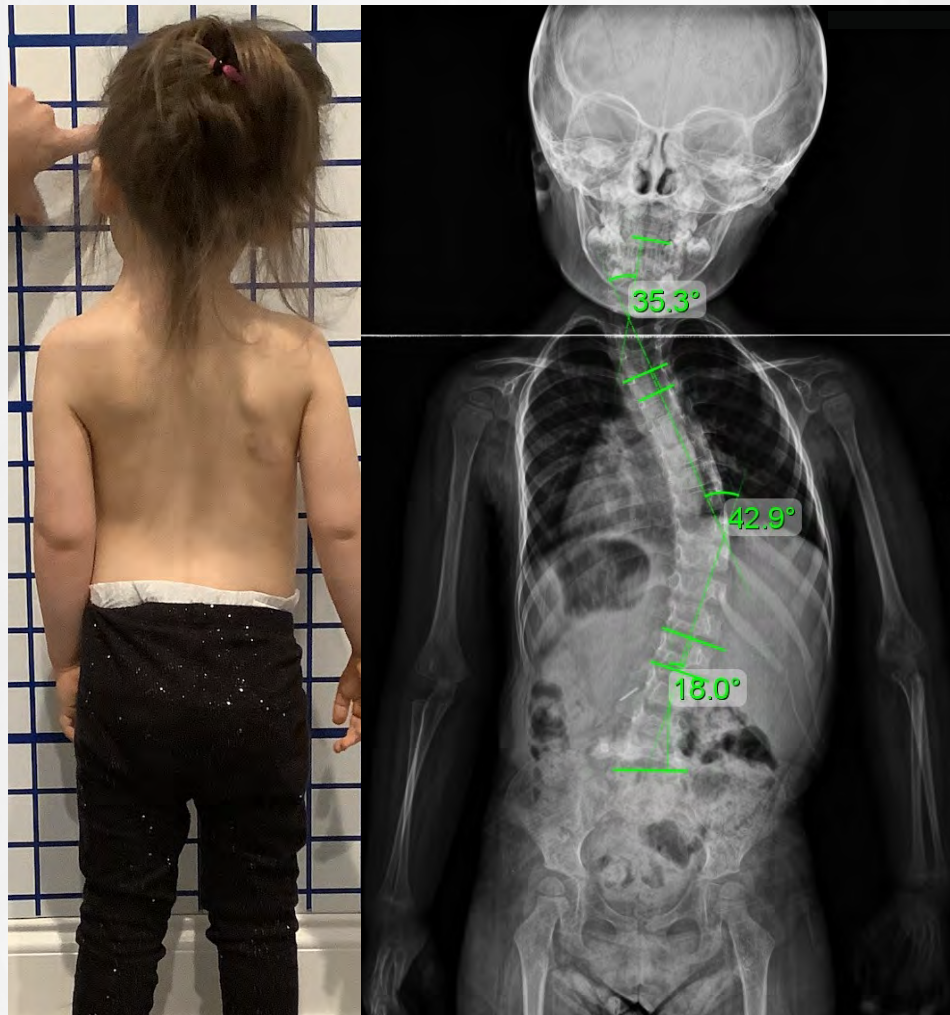
BY DR. TONY NALDA

Initial Evaluation:

During Viktoriya's initial assessment, her scoliosis was measured at 42.9 degrees, placing it within the severe range. At the time of evaluation, Viktoriya reported various discomforts, including headaches, shoulder pain, and pain in her upper, mid, and lower back, as well as a history of right shoulder dislocation. This evaluation was conducted through a thorough and comprehensive process.

Before Meeting Dr Tony:

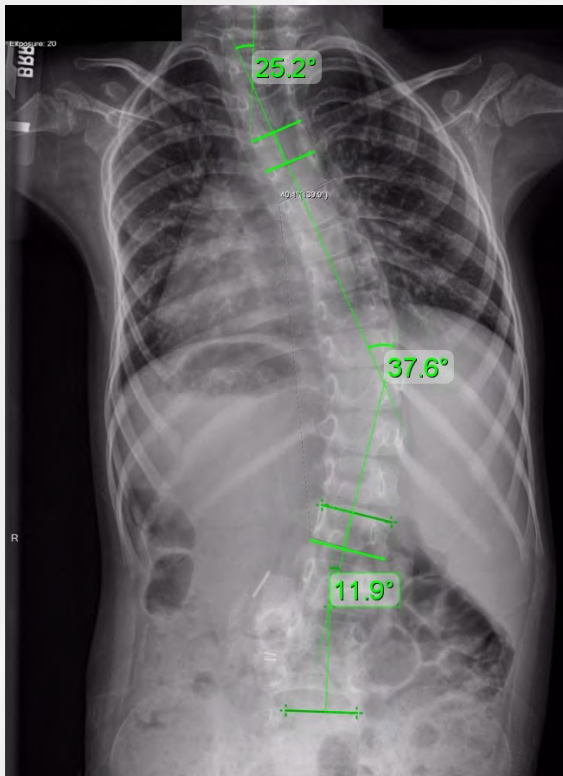
Viktoriya was born with a genetic mutation in the TTN gene and may have experienced birth trauma. From birth and at 9 months old, she was diagnosed with severe scoliosis, torticollis, and a leg length discrepancy. At 7 months, Viktoriya successfully received chiropractic care to address plagiocephaly. Her treatment history also includes scoliosis management with a Benik vest, aquatic therapy, pediatric physical therapy, and occupational therapy, alongside her chiropractic care.



Mid-Treatment Evaluation

Challenging Aspects of this Particular Case:

Viktoriya faces multiple challenges due to her condition and her age. She experiences a delay in gross motor development, attributed to muscle weakness from hypotonia caused by a genetic mutation in the TTN gene. Viktoriya also relies on a G-tube for nutrition. During treatment, she encounters difficulties with typical developmental milestones, such as potty training, and adhering to the prescribed brace-wearing schedule due to this. Additionally, Viktoriya lives several states away from the clinic, which adds another layer of complexity to her care.



Treatment Modalities Used:

- ◆ **Vibrating Traction** - Low tone vibration traction used to relax ligaments of the spine
- ◆ **Mechanical Drop Piece** - low tone vibration to help mobilize the rib cage and reduce stiffness associated with scoliosis
- ◆ **Flexion Distraction** - provides traction to the lumbar spine, by added the straps we are able to create counter rotations and unbend the specific areas of the scoliosis
- ◆ **Scoliosis Traction Chair** - targeted traction and derotation focusing on the thoracic and lumbar areas not possible with other types of traction while promoting relaxation and potential curve reduction

Re-evaluation Checkpoints:

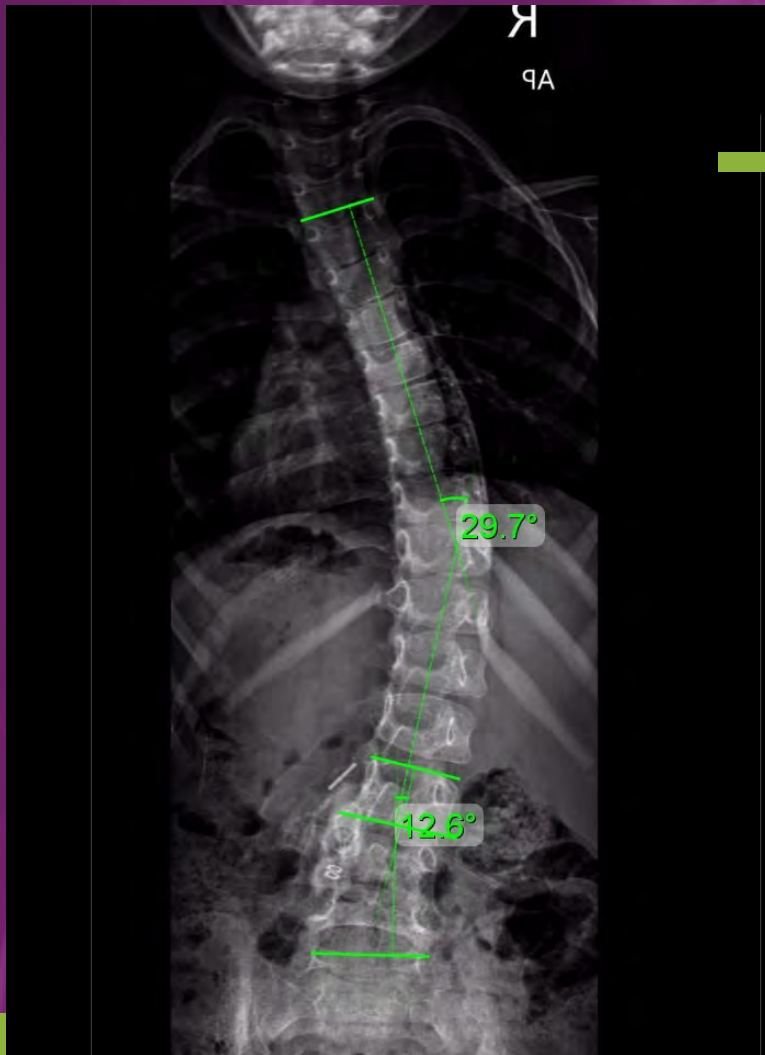
Following a 90-day period, Viktoriya underwent reevaluation, providing updated information, including x-rays, posture pictures, and a descriptive update on her post-treatment progress at the Scoliosis Reduction Center®. Viktoriya's assessment revealed a significant improvement in her posture, with sustained reduction in her scoliosis curvature. However, Viktoriya reported some discomfort and irritation from her ScoliBrace. She received recommendations to consider another 5-day treatment and brace modification within 90 days. Discomfort might indicate that the brace is effectively addressing progression.

Determined to achieve further correction, Viktoriya returned to the Scoliosis Reduction Center® for additional treatment resulting in continued progress. After returning home and continuing with her prescribed home therapy a subsequent reevaluation indicated overall improvement and a 2-inch growth since her initial assessment. Viktoriya returned to Scoliosis Reduction Center® for a new ScoliBrace and 5-day treatment, which led to further correction and symptom relief.

Upon returning home and following her prescribed home therapy for another 90 days, Viktoriya demonstrated enhanced abilities, such as picking up light objects and descending stairs more easily. After 90-days a reevaluation was conducted, she was showing her improvements were maintained. Eager to continue further correction and prevent progression, Viktoriya's family requested another 5-day treatment, which is scheduled for a future date.



Long-Term Results:



Viktoriya has achieved impressive long-term results through her dedication and from the treatment she received at Scoliosis Reduction Center®. Her initial scoliosis measurement of 42.9 degrees has improved to 29.7 degrees, accompanied by notable enhancements in her posture.

