

CASE STUDY

Correction Of Congenital Scoliosis

Background

Congenital scoliosis is the most frequent congenital deformity of the spine. Congenital scoliosis is a sideways curvature of the spine that is caused by a defect that was present at birth. The spine may also be rotated or twisted, pulling the ribs along with it to form a multidimensional curve. Children with congenital scoliosis sometimes have other health issues too, such as stomach, kidney, heart, nerve or bladder problems.

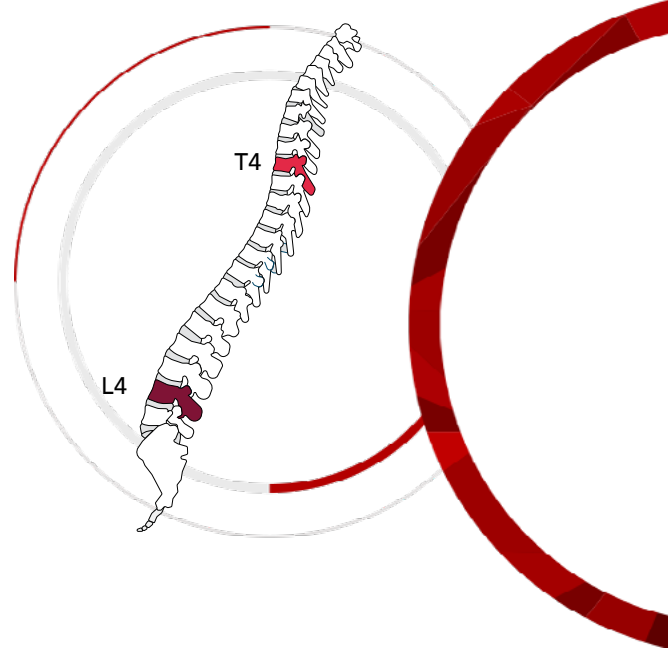
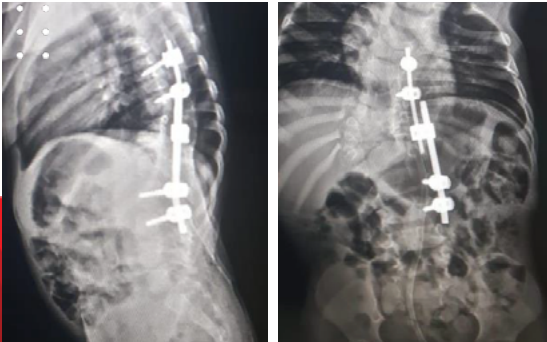
History

The patient is a 2-year-old female with complaints of scoliosis and back pain. She has Congenital Scoliosis diagnosis. The patient was advised to undergo surgery due to the long-term negative impact of signs and symptoms of scoliosis upon her health.

Pre-Treatment Image



Post-Operative Images



Conclusion

The patient reported feeling more confident after surgery. In this case, success was achieved by placing screws. The Cobb Angle was reduced.

Treatment

The patient underwent a posterior spinal fusion with scoliosis correction. The patient underwent corrective surgery on her back with placement of screws, rods, and connectors of JUVE Pediatric Spinal System Set. After a skin incision and visualization and incision of the paravertebral muscles were dissected. A total of 4 screws were placed in T4-T5 and L3-L4. Then rods and connectors were implanted. The procedure was completed by controlling with scopy.

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