

Sk. Raja (8 yrs, Male)

Date of Admission : 24-01-2010

Date of Surgery : 29-01-2010

Date of Discharge : 05-02-2010



Medical Profile :

Gradually progressive deformity of the back for the last 2 years. No other significant past history.

Clinical Finding :

No gross motor or sensory deficit. Right sided rigid thoracic kyphoscoliosis.

Investigations :

X-ray : Congenital scoliosis with Hemivertebrae at D5 (producing a curve of 46 degrees) on the left side and D9 (producing a curve of 68 degrees) on the right side. Dorsal kyphosis about 70 degrees.

Management :

Posterior scoliosis correction done with pedicle screw - rod construct (Single lock/Gesco/Titanium) from D4 to D11 at Park Clinic u/GA on 29.01.2010. Transpedicular Hemivertebrectomy done at both levels and compression across the concavity/distraction along the convexity added for curve correction. Procedure done under Intraoperative Neural Monitoring (Cadwel).

Post Operative Protocol :

He did well and was transferred out of ITU on the 3rd day. He was mobilised out of bed with a brace from the 5th day and was discharged after suture removal on the 8th day. At the time of discharge he was walking comfortably.

Advice :

1. Do not bend forwards to pick up heavy objects / not permitted to sit on the floor or squat / must use western type toilet /not permitted to take long jerky journeys.
2. Encouraged to walk within residence and to perform regular daily exercises as shown.
3. Tab Voveran 50 mg SOS (on severe pain only).
4. Report after one month at clinic for follow up (please take prior appointment before 2 weeks).
5. Xray whole spine Standing AP Lateral (digitally reocnstruced into 2 plates).

(Dr. SAUMYAJIT BASU)