

Ujjal Ghosh (17 yrs, Male)

Date of Admission : 27-10-2010

Date of Surgery : 29-10-2010

Date of Discharge : 07-11-2010



Medical Profile :

Gradually progressive deformity of the back for the last 3-4 months. No other significant past history.

Clinical Finding :

Gross right dorsal scoliosis with rib hump. Right shoulder asymmetry ++. No evidence of neuromuscular disease. Early marfanoid features.

Investigations :

Xray -- Adolescent Idiopathic Scoliosis (AIS) -- King Type III, Lenke Type I B N with T4 to T11 curve of 50 degrees correcting by about 50% on bending views.

MRI -- No evidence of cord anomalies or vertebral defects.

Management :

Posterior scoliosis correction done with pedicle screw-rod system (One-alpha/Gesco / Titanium) from T3 to T12 using the rod rotation technique. Local bone and Beta Tricalcium Phosphate (chronOS / Synthes / B-TCP) used for posterior spinal fusion. Wound closed in layers over a drain. Procedure done u/GA at Park Clinic on 29.10.2010.

Post Operative Protocol :

Uneventful postoperative recovery. Mobilised on the 4th day, discharged after suture removal on the 9th day. At the time of discharge, the patient was walking comfortably with significant relief of pain.

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 SR 100 mg SOS (on severe pain only).
4. Report after one month at clinic for follow up (please take prior appointment before 3 weeks).