

Dorsolumbar Scoliosis in a Young Adult Male

An 18 years old male patient presented at PMR OPD with back deformity. On clinical examination, it was noted that there was a dorso-lumbar scoliosis with convexity to the right side, without any trunk muscle weakness. Adam's forward bending test failed to resolve the deformity. Digital X-ray of dorsolumbar spine did not show any vertebral anomaly. On further examination, it has been noticed that the patient was having low-set hairline, elevation of right scapula (Fig. 1) and reduced ROM of cervical spine.

Thereafter an X-ray of cervical spine was planned and it showed block vertebra (Fig. 2).

Hence, the diagnosis of Klippel-Feil syndrome was made and proper counseling, education and nonpharmacological management for the deformity has been advised.



Fig. 1: Elevation of right scapula



Fig. 2: X-Ray Image of block vertebra