

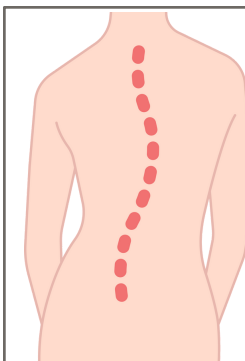
DIAGNOSIS-
ADOLESCENT IDIOPATHIC SCOLIOSIS

CLINICAL -
**WORSENING KYPHOSCOLIOTIC DEFORMITY
CAUSING PAIN, COSMETIC ISSUES**

SURGERY-
**POSTERIOR SURGERY, CORRECTION WITH
PEDICLE SCREWS AND FUSION**

A school teacher noticed a deformity in a 11 year old boy's back. Many doctors were consulted. But there was no hope. It kept worsening with time, The parents were told that there was no treatment and a surgery would cause possible complications like paralysis.

At the age of 16, he met Dr. Akshay Jain at Vishesh Jupiter Hospital, Indore. At that time, chief issues were back pain, breathlessness on exertion and cosmetic issues. MRI was normal and this was labelled as Adolescent Idiopathic scoliosis.



Kyphoscoliosis describes an abnormal curvature of the spine in both the coronal and sagittal planes. It is a combination of kyphosis and scoliosis.

This musculoskeletal disorder often leads to other issues in patients, such as under-ventilation of lungs, pulmonary hypertension, difficulty in performing day-to-day activities, psychological issues emanating from anxiety about acceptance among peers, especially in young patients.

A posterior surgery was planned. Pedicle screws were put from T4 to L3 level and with the help of osteotomies, soft tissue release and correction manoeuvres curve was significantly corrected.

Duration of surgery was four hours and blood loss was 700ml.

Post operative course was uneventful and patient recovered. Sagittal and coronal balance was restored and symptoms were relieved.



Scoliosis is a complex spine deformity. A multidisciplinary approach including a trained surgeon, anaesthesia and good postoperative care is necessary for good results.

Dr Akshay Jain
Complex spine surgeon
Vishesh Jupiter Hospital, Indore

BEFORE



AFTER

