

Surgical Outcomes and Complications of Posterior Spinal Fusion in Adolescent Idiopathic Scoliosis

NCT07092917

Status RECRUITING
Sponsor Assiut University
Enrollment 25 participants

Key Eligibility Criteria

Inclusion (5)

- Male and female Adolescents aged 10 to 18 years diagnosed with AIS
- Patients with Risser sign 4 and 5 indicating maturity of the skeletal system
- Patients with lenke classification system 2,3,4
- Curvature between 40 and 70 degrees Cobb angle indicating moderate to severe scoliosis suitable for surgical correction
- Candidates for surgical intervention due to rapid progression of deformity more than 5 degrees per year ,functional limitations

Exclusion (4)

- Congenital or neuromuscular scoliosis
- Pre operative restrictive lung function
- Previous spinal surgery
- Severe co morbidities preventing surgical intervention .

Locations (1 total)

Assiut university hospitals, Asyut, Egypt, Egypt