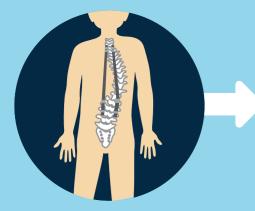
Risk factors for Reoperation Post Final Fusion after Treatment with Growing Rods in Early-Onset Scoliosis



scoliosis





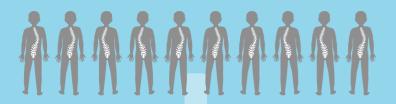


Final fusion after treatment

Risk factors for reoperation

Risk factors for reoperation after final fusion in patients with early-onset scoliosis remain unknown

> Patients with early-onset scoliosis (N = 248)



Assessment of need for reoperation







Inclusion criteria

≥1 lengthening procedure with traditional growing rods ≥2-year follow-up or revision surgery after final fusion

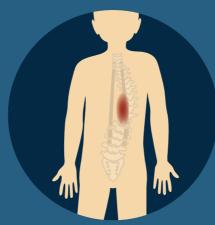
Potential risk factors for reoperation after final fusion

Number of patients

167 met inclusion criteria

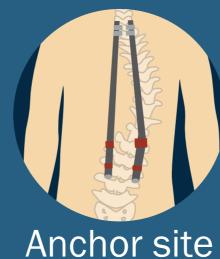
needed reoperation

Frequent complications needing reoperation





Device-related



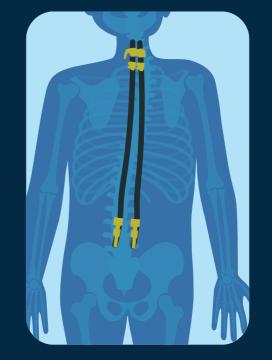


failure



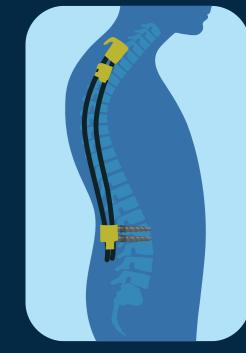


Independent risk factors for reoperation after final fusion



Curve progression requiring revision during lengthening

Increasing number of levels spanned with growing rods





Longer duration of treatment with rods

The identified risk factors may help with patient counseling and guide surgeon decision-making

Risk Factors for Reoperation Following Final Fusion After the Treatment of **Early-Onset Scoliosis with Traditional Growing Rods**







