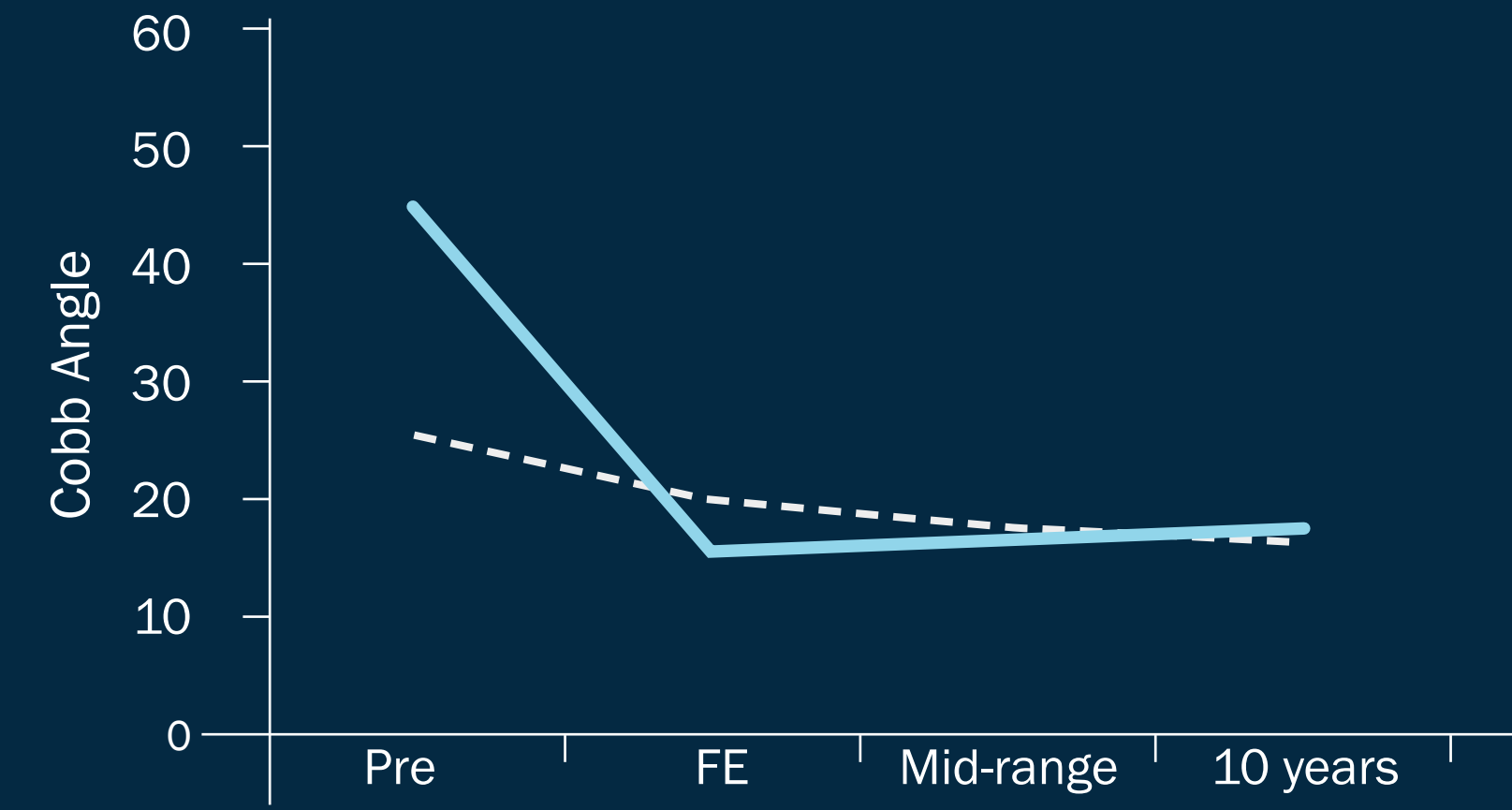
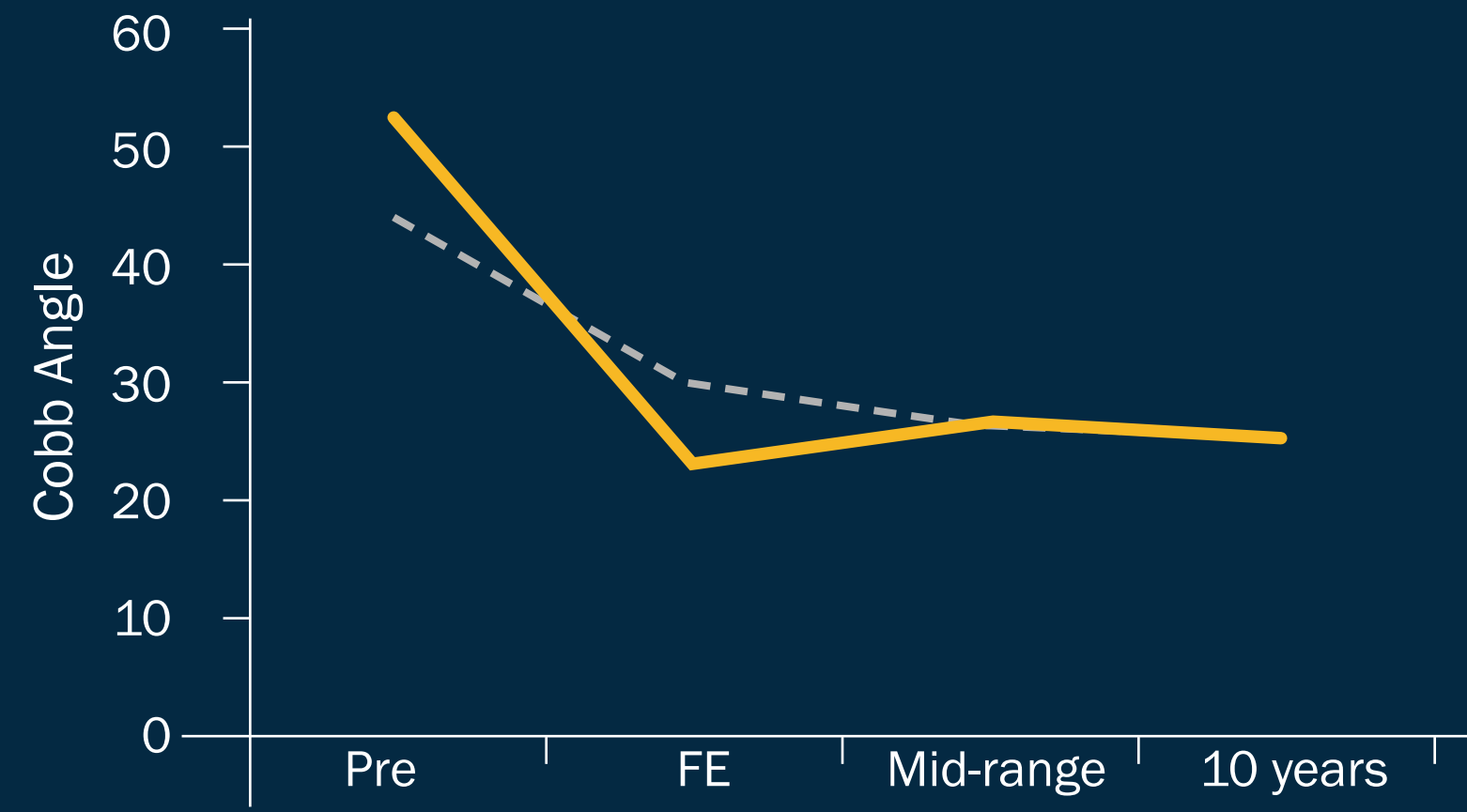


Long-term Outcomes of Selective Fusion for Adolescent Idiopathic Scoliosis



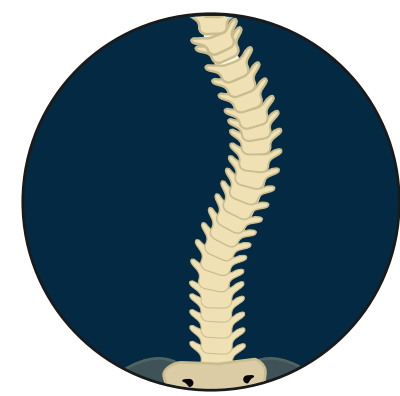
Selective fusion of the structural curve remains the common treatment for adolescent idiopathic scoliosis despite its long-term outcomes being unclear

Instrumented MT and TL/L curves were corrected by an average of **51%** and **60%**, respectively, at 10 years

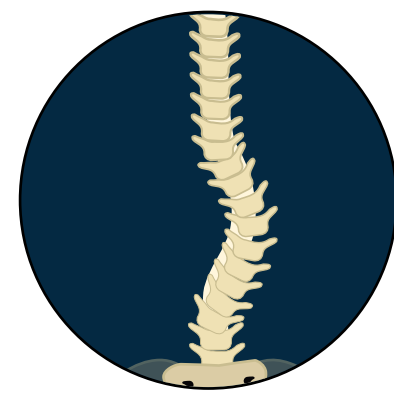


Legend:
— Instrumented MT
- - - Compensatory TL/L (Uninstrumented)
— Instrumented TL/L
- - - Compensatory MT (Uninstrumented)

Study evaluated 10-year patient-rated radiographic outcomes of selective fusions of..



Main thoracic (MT) curve (n=21)

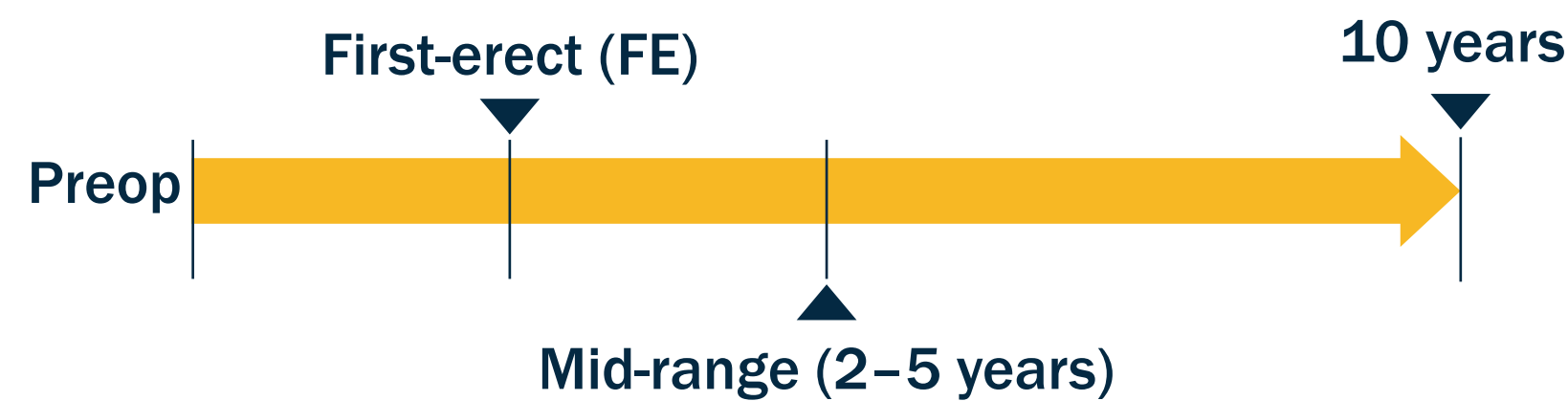


Thoracolumbar/lumbar (TL/L) curve (n=30)

Spontaneous correction of uninstrumented curves match correction of instrumented curves at 5 years postoperatively



Selective fusion of primary thoracic or lumbar curves is durable at 10 years, resulting in a balanced spine



Ten-Year Outcomes of Selective Fusions for Adolescent Idiopathic Scoliosis

Louer et al. (2019)

DOI: 10.2106/JBJS.18.01013

www.jbjs.org

theJBJS

@JBJS

