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

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

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

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.