

The Lenke classification system for AIS

Curve type	Proximal Thoracic	Main Thoracic	Thoracolumbar/Lumbar	Description
1	Nonstructural	Structural*	Nonstructural	Main Thoracic
2	Structural ^X	Structural*	Nonstructural	Double Thoracic
3	Nonstructural	Structural*	Structural ^X	Double Major
4	Structural ^X	Structural [§]	Structural [§]	Triple Major
5	Nonstructural	Nonstructural	Structural*	Thoracolumbar/Lumbar (TL/L)
6	Nonstructural	Structural ^X	Structural*	Thoracolumbar/Lumbar-Main Thoracic (TL/L-MT)

***Major curve:** largest Cobb measurement, always structural; **^XMinor curve:** remaining structural curves; **[§]Type4 – MT or TL/L** can be the major curve

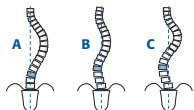
Structural Criteria (Minor curves)

Proximal Thoracic	<ul style="list-style-type: none"> Side Bending Cobb $\geq 25^\circ$ T2-T5 Kyphosis $\geq +20^\circ$
Main Thoracic	<ul style="list-style-type: none"> Side Bending Cobb $\geq 25^\circ$ T10-L2 Kyphosis $\geq +20^\circ$
Thoracolumbar/Lumbar	<ul style="list-style-type: none"> Side Bending Cobb $\geq 25^\circ$ T10-L2 Kyphosis $\geq +20^\circ$

Location of Apex (SRS Definition)

Curve	Apex
Thoracic	T2 to T11-12 Disc
Thoracolumbar	T12-L1
Lumbar	L1-2 Disc to L4

Modifiers

Lumbar Spine Modifier	Center Sacral Vertical Line to Lumbar Apex		Thoracic Sagittal Profile T5-T12
A	Between pedicles		Modifier
B	Touches apical body(ies)		Cobb Angle
C	Completely medial		- (Hypo)
			N (Normal)
			+ (Hyper)

Curve Type (1-6) + Lumbar Spine Modifier (A, B, C) + Thoracic Sagittal Modifier (-, N, +) = Curve Classification (e.g. **1B+**):