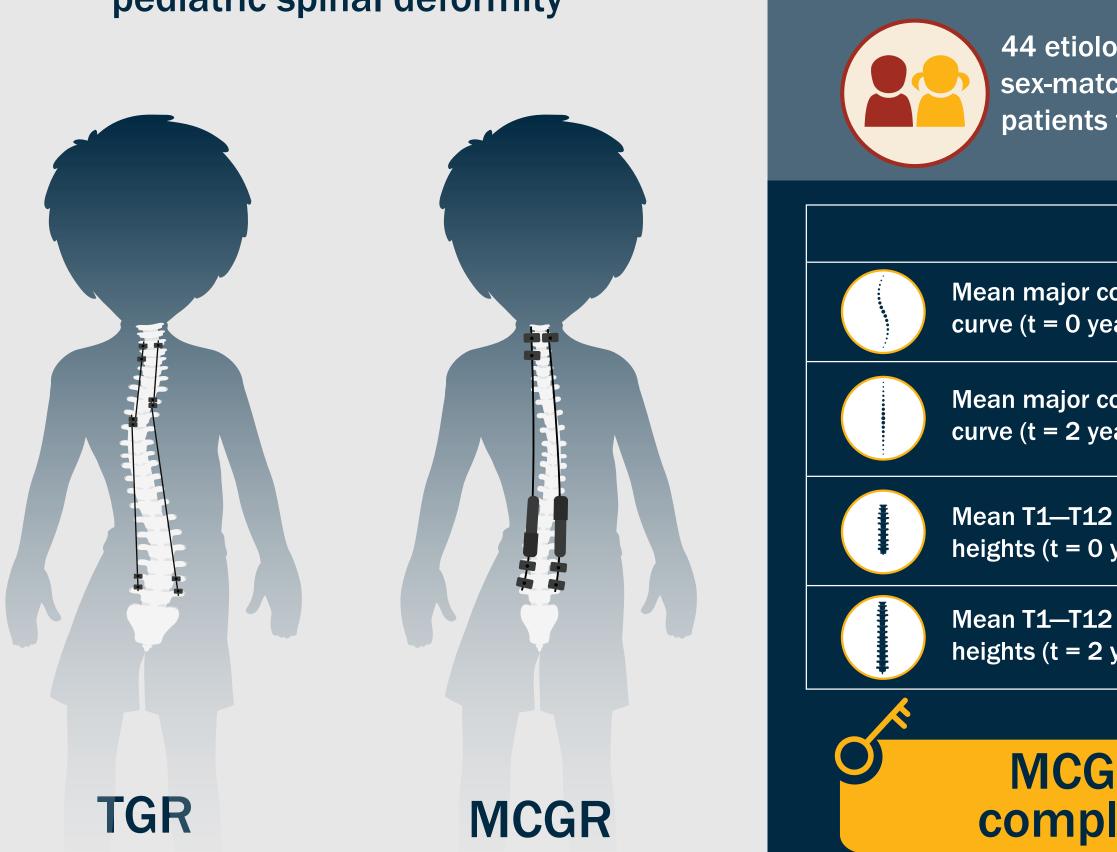
# Are Magnetically Controlled Growing Rods an Optimal Surgical Treatment Option for Severe Early-Onset Scoliosis?

This study compares traditional growing rods (TGRs) with the less invasive magnetically controlled growing rods (MCGRs) in treating severe early-onset scoliosis (EOS), a type of pediatric spinal deformity



### Matched Comparison of Magnetically Controlled Growing Rods with Traditional Growing Rods in Severe Early-Onset Scoliosis of ≥90°: An Interim Report on Outcomes 2 Years After Treatment

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## Retrospective review of a prospectively collected international database to compare...



	MCGR group	TGR group	2-year EOSQ-24 pulmonary function scor				
coronal ears)	104°	<b>104</b> °		93.4%	MCGR	80.8%	TGR
coronal ears)	52°	66°		93.4%	group	80.8%	grou
2 ) years)	155 mm	152 mm		2-year u	inplanned-re	vision-free su	urvival
2 2 years)	202 mm	192 mm		91%	MCGR group	71%	TGR grou

# MCGRs offered a more efficient, less invasive, and less complicated surgical option than did TGRs for severe EOS

