

MAGEC

RELINE  
SMALL STATURE

ONE POWERFUL TEAM

 NUVASIVE

# A NOT-SO-SMALL PROBLEM

72%

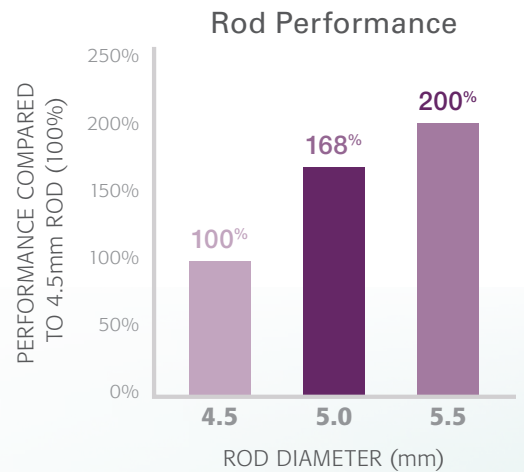
of complications in growing-rod surgery for early-onset scoliosis are due to implant-related failures.<sup>1</sup>

Clinical evidence shows that in TGR constructs:

4.5mm rod fracture rate



5.0mm+ rod fracture rate<sup>2</sup>



In Ti rod fatigue strength testing, 5.0mm rods had a 68% improved performance increase over 4.5mm rods.<sup>3</sup>

SO, WHICH DO YOU CHOOSE?

Small Implants

—OR—

Larger Rods

NOW YOU DON'T HAVE TO...

## DON'T SACRIFICE STRENGTH FOR SIZE

NuVasive now offers the first low-profile fixation solution for pediatrics that accepts 4.5, 4.75, 5.0mm rods and the new MAGEC 5.0mm rod.

**Reline Small Stature** is a comprehensive pediatric deformity fixation system designed to address implant-related complications with solutions that increase overall construct strength with a reduced implant profile.

**MAGEC 5.0mm** is a new offering within the MAGEC product family that provides improved rod fatigue strength in a low-profile growing-rod construct.

When used together, Reline Small Stature and MAGEC 5.0mm may minimize occurrence of revision surgeries by adding strength to a growing rod construct without sacrificing the optimal profile for infantile and juvenile patients.



<sup>1</sup> Watanabe K, Uno K, Suzuki T, et al. Risk factors for complications associated with growing-rod surgery for early-onset scoliosis. *Spine* 2013;38(8):E464-8.

<sup>2</sup> Hosseini P, Akbarinia B, Emans J, et al. Construct levels to anchored levels ratio and rod diameter are associated with implant-related complications in traditional growing rods. *Spine Deformity* 2016;4(6):456-7.

<sup>3</sup> Data on file: TR 9602593, TR 9604057; dynamic 4-point bending testing per ASTM F2193.



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