

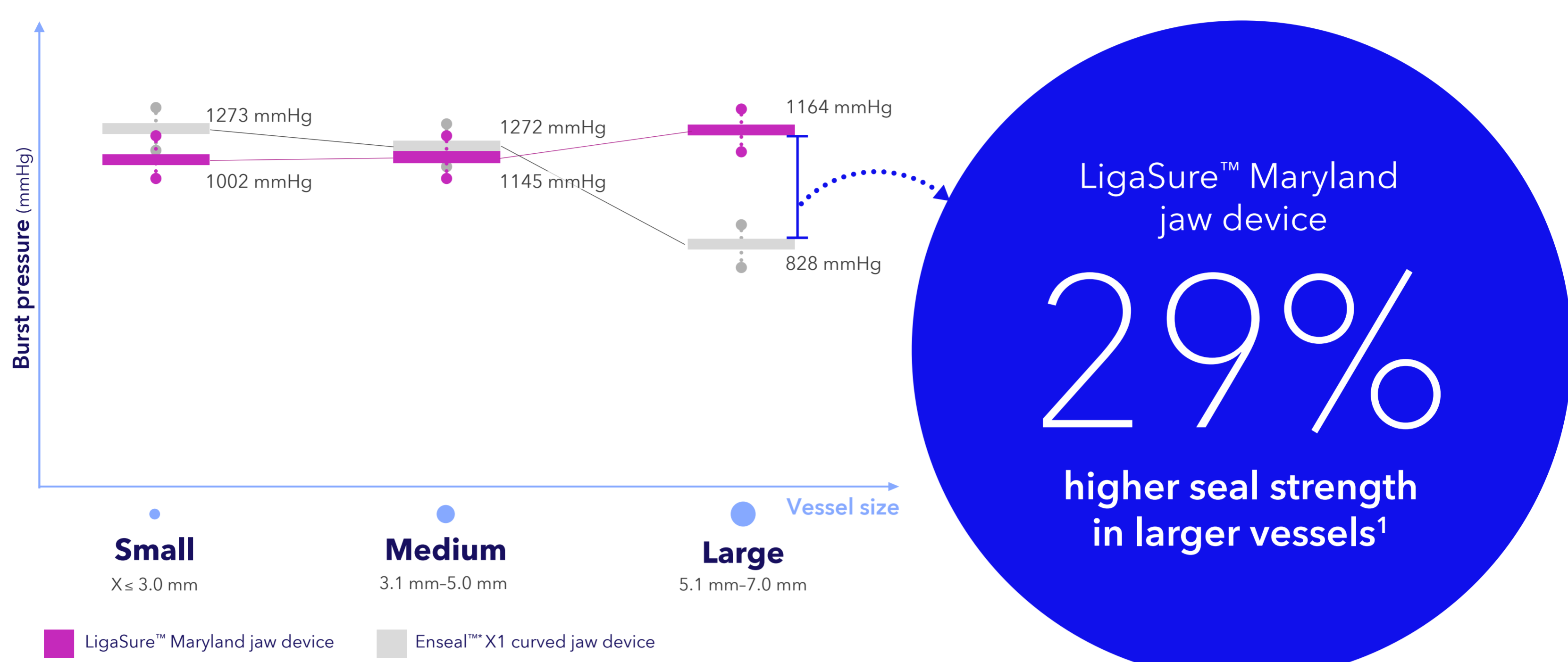
Get more confidence.

Expectations can get the better of us when we **expect more.**

With the LigaSure™ Maryland jaw device, you can trust you'll really **get more** compared to the Enseal™ X1 curved jaw device.†

Confidence in reliability

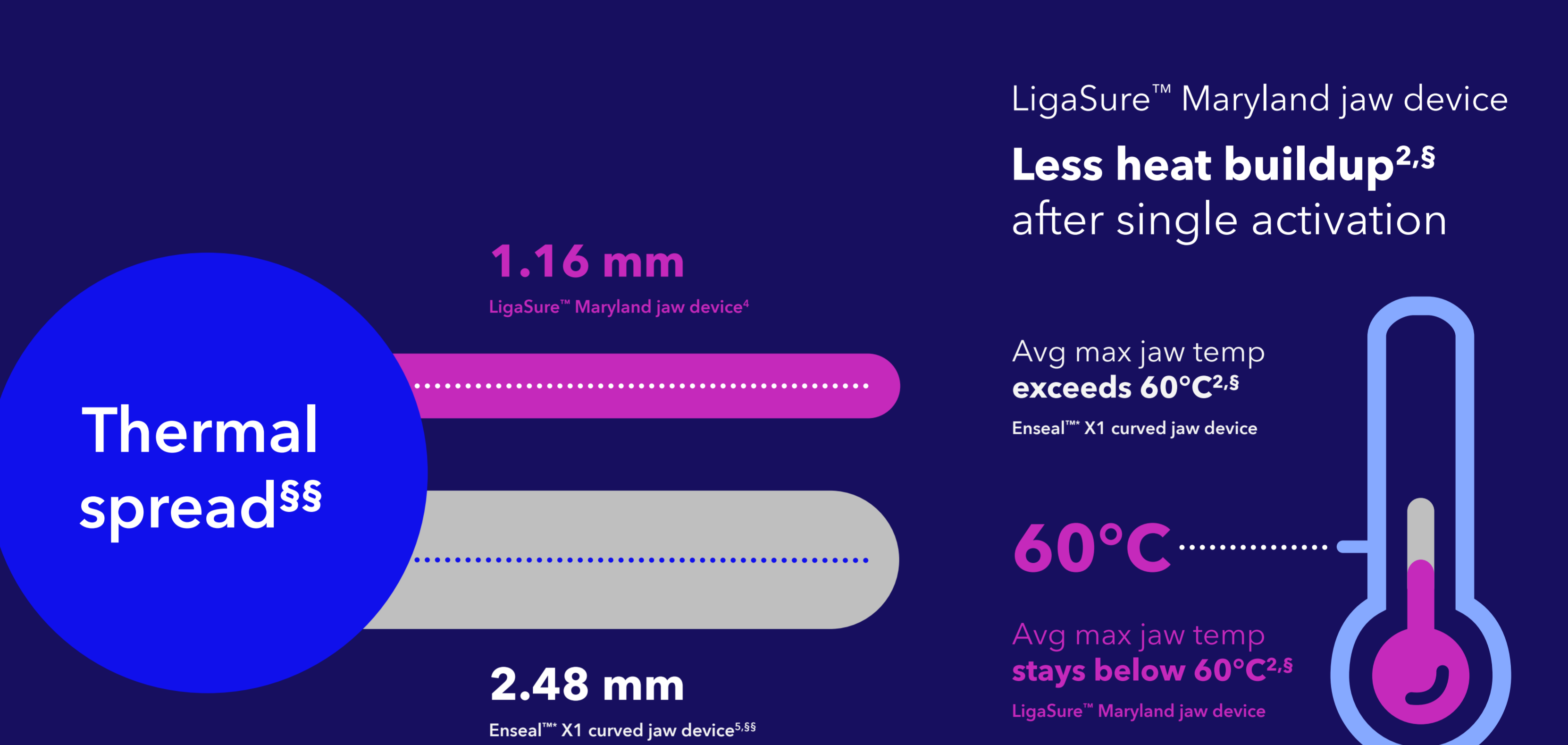
Get high burst pressures – with less variability in larger vessels¹



LigaSure™ Maryland jaw device
29%
higher seal strength in larger vessels¹

Confidence in innovation

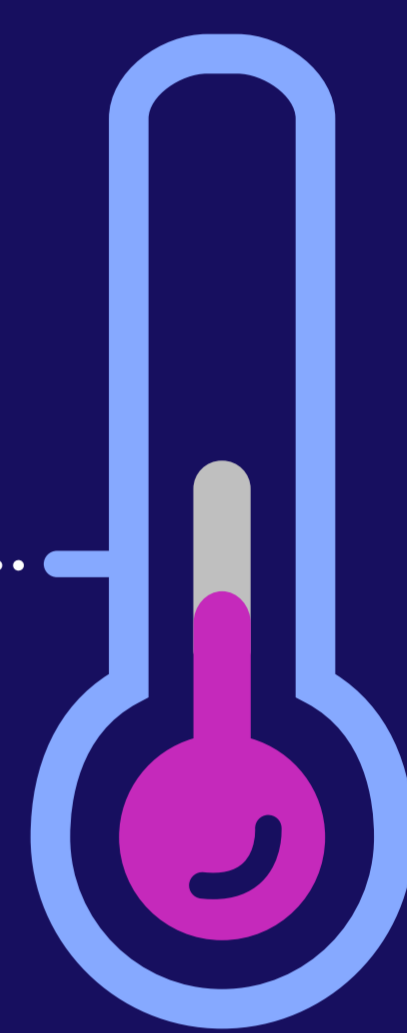
Get more seals – with less heat^{2,3}



LigaSure™ Maryland jaw device
Less heat buildup^{2,§} after single activation

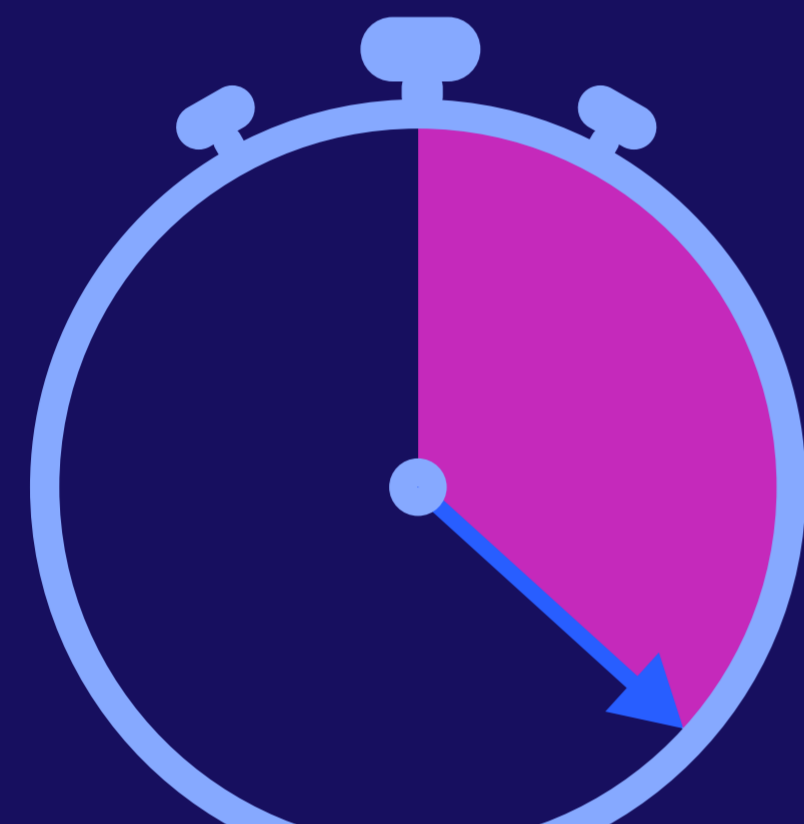
Avg max jaw temp **exceeds 60°C^{2,§}**
Enseal™ X1 curved jaw device

60°C
Avg max jaw temp **stays below 60°C^{2,§}**
LigaSure™ Maryland jaw device



LigaSure™ Maryland jaw device

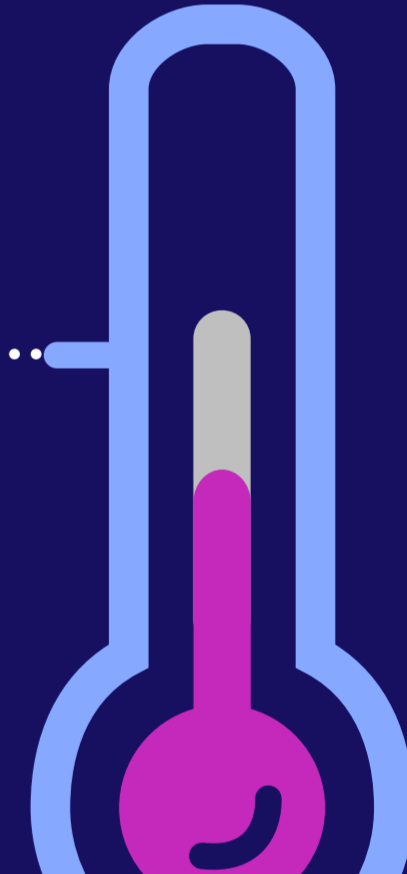
3x
faster cooldown^{2,†,§}



LigaSure™ Maryland jaw device
Lower temperature^{2,†,§} after multiple activations

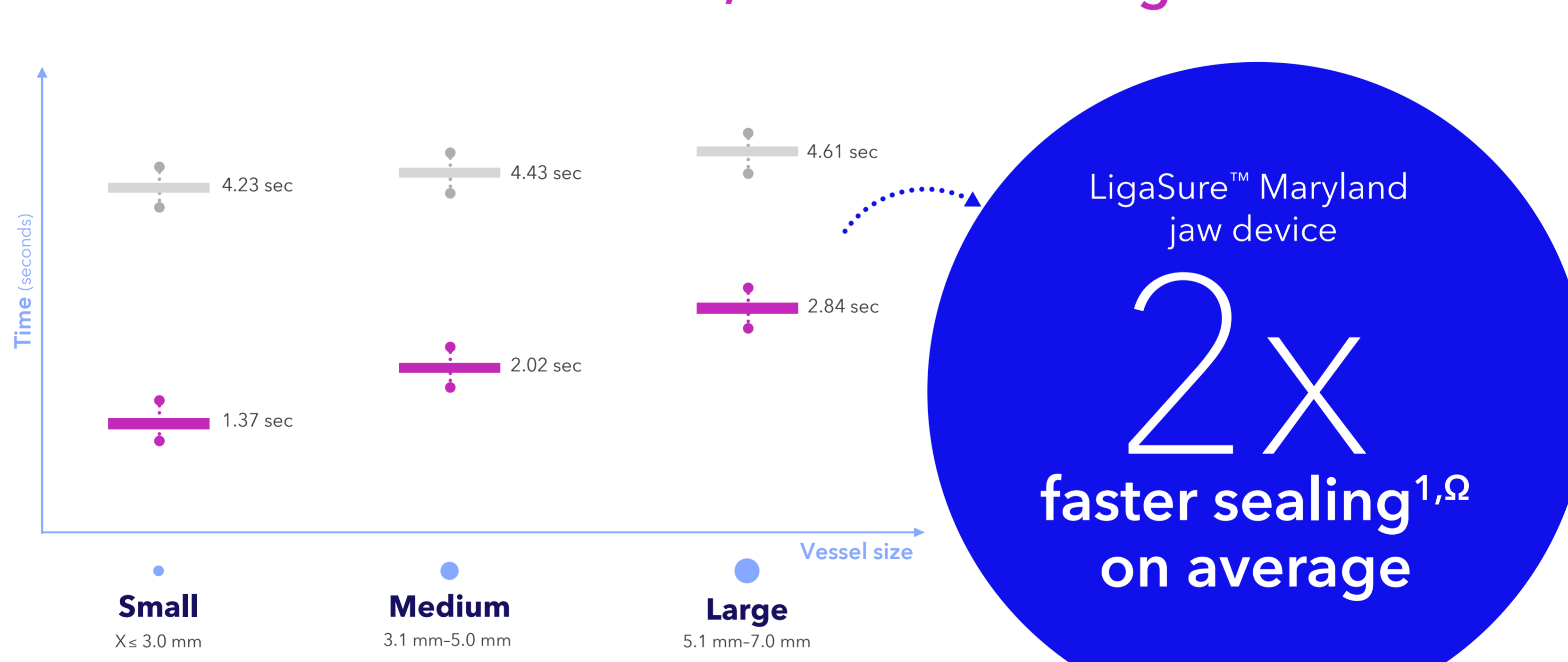
Avg max jaw temp **exceeds 100°C^{2,†,§}**
Enseal™ X1 curved jaw device

100°C
Avg max jaw temp **stays below 86°C^{2,†,§}**
LigaSure™ Maryland jaw device



Confidence in performance

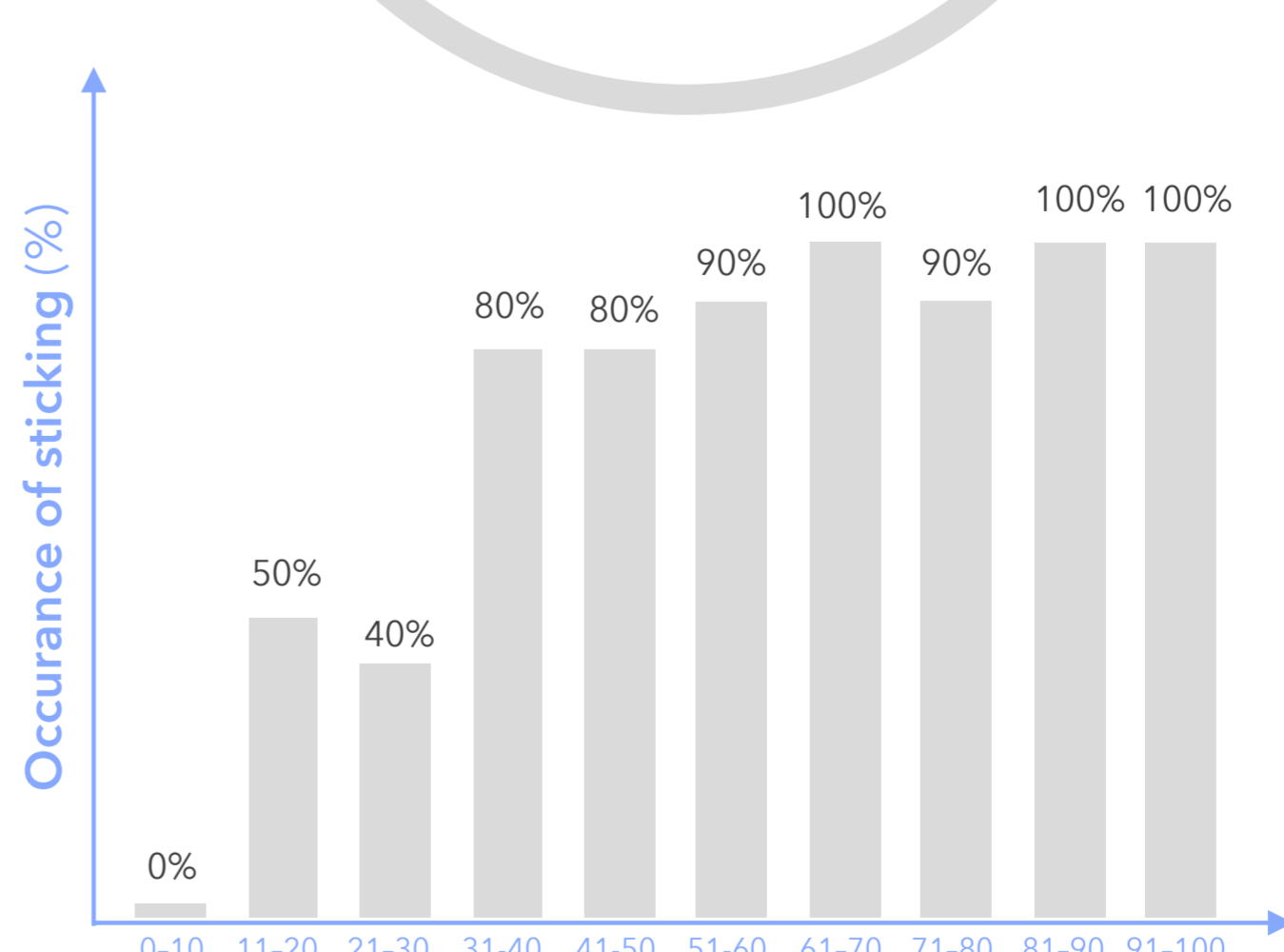
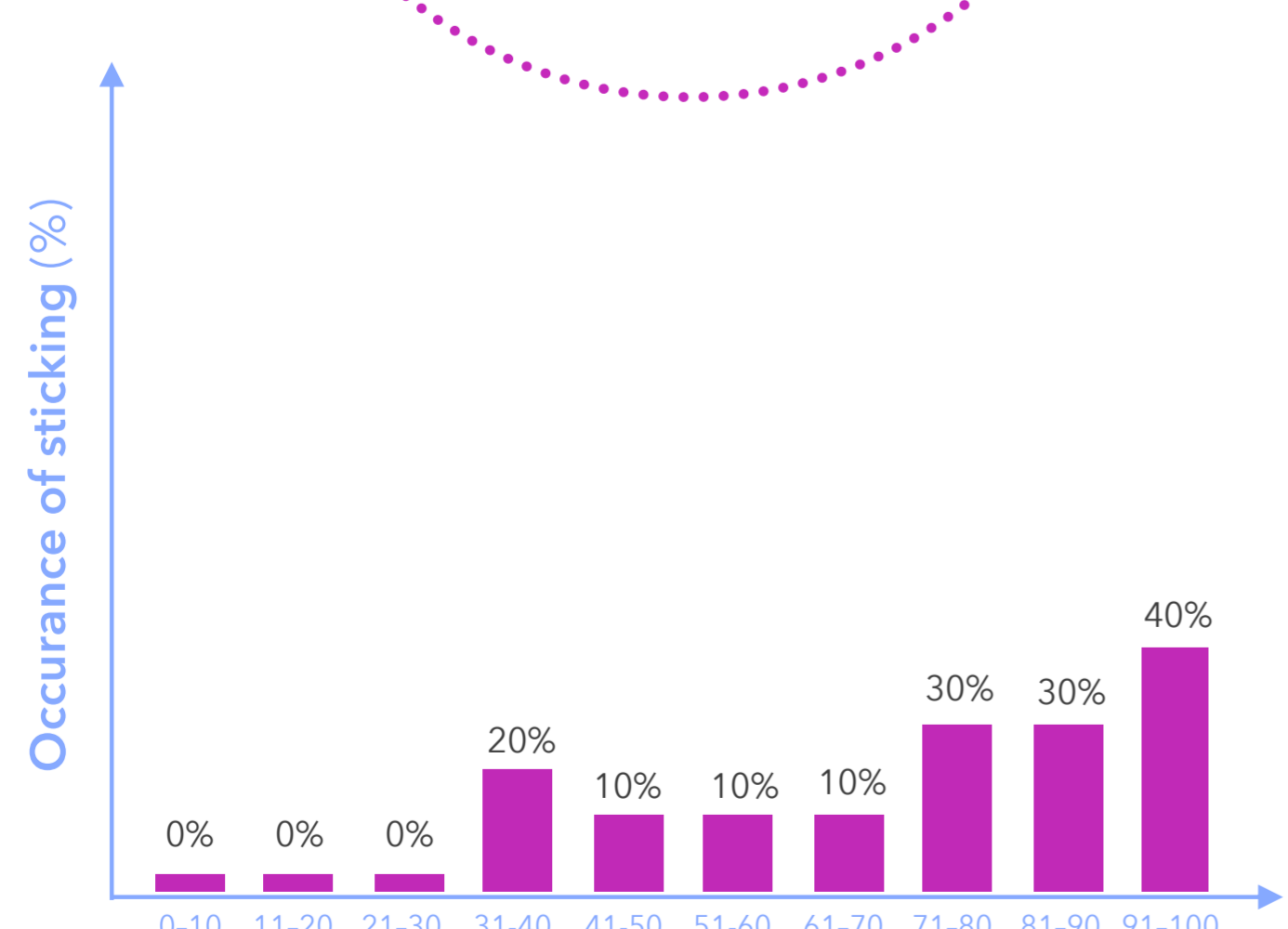
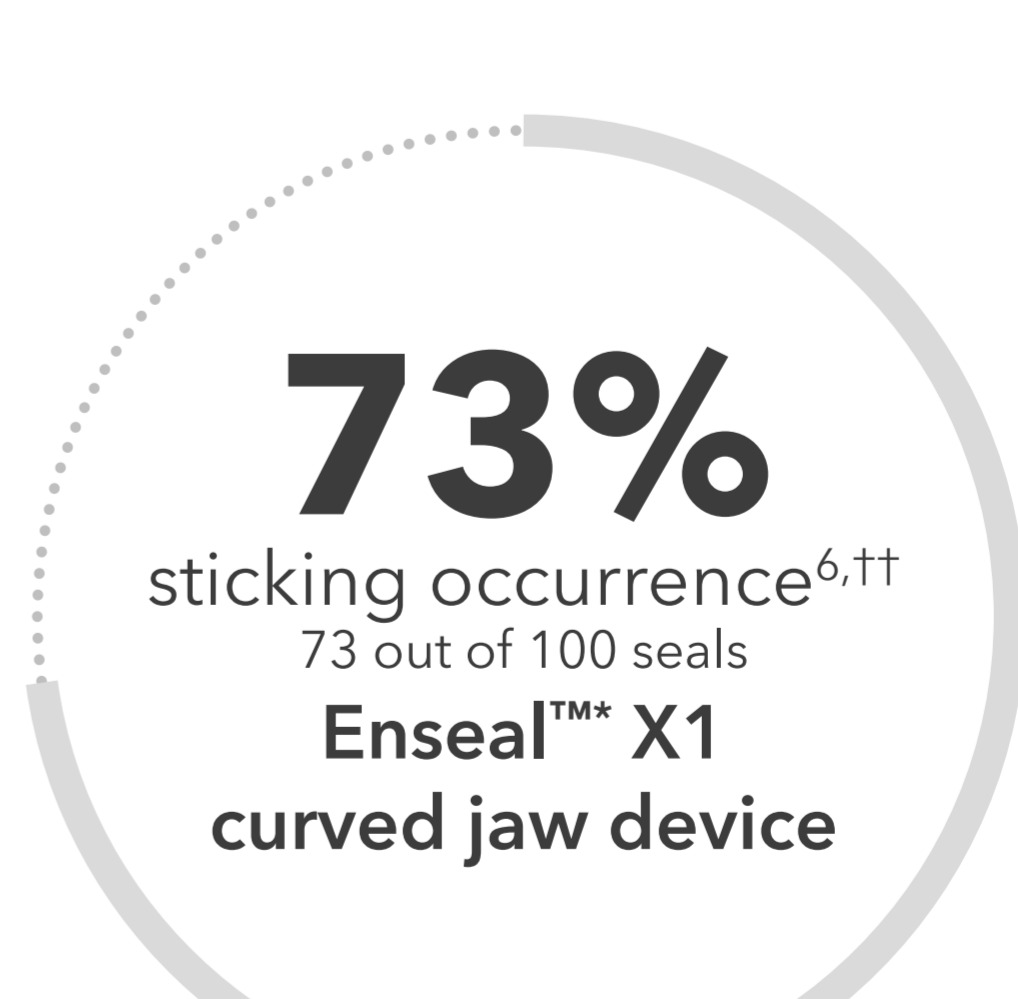
Get more seals – in less time, with less sticking^{1,6,††}



LigaSure™ Maryland jaw device
2x
faster sealing^{1,Ω} on average

LigaSure™ Maryland jaw device

5x
less sticking^{6,ΩΩ}



Bench test data may not be indicative of clinical performance.

†Based on comparisons between sealing times, cool-down times, jaw temperatures, burst pressures, thermal spread, and tissue sticking.

‡ Multiple activation refers to lower jaw temperature measurements.

§ Jaw temperature refers to lower jaw temperature measurements.

ΩAverage seal time measured over all vessel size categories for LigaSure™ Maryland jaw using the Valleylab™ FT10 energy platform, and Enseal™ X1 Curved Jaw using Ethicon™ Gen11 generator.

††Tissue sticking device jaws instances measured 100 seals per device using the LigaSure™ Maryland Jaw with Valleylab™ FT10 energy platform, and Enseal™ X1 Curved Jaw using the Ethicon™ Gen11 generator. (p < 0.0001)

§§Data from different studies.

ΩΩTissue sticking device jaws instances measured 100 seals per device using the LigaSure™ Maryland Jaw with Valleylab™ FT10 energy platform, and Enseal™ X1 Curved Jaw using the Ethicon™ Gen11 generator.

1. Based on internal bench testing report RE00337466 Comparison of the renal artery seal burst pressure between the Ethicon Enseal™ X1 curved jaw tissue sealer device vs. the LigaSure™ LF18XX and LF19XX conducted on June 8-9, 2021. p < 0.0001.

2. Based on internal test report RE00337472 Thermal profile comparison of the Ethicon Enseal™ X1 curved jaw tissue sealer device vs. the LigaSure™ LF18XX and LF19XX conducted June 30 - July 1, 2021. p < 0.0001.

3. Based on internal test report RE00337464 Acute porcine study comparison of the Ethicon Enseal™ X1 curved jaw tissue sealer device vs. the LigaSure™ LF18XX and LF19XX conducted July 6, 2021. p < 0.0001.

4. Based on internal test report RE00068259 Verification of the LF1923/LF1937/LF1944 Maryland devices in an acute hemostasis porcine study. Nov 15, 2016.

5. Singleton DW, Ricketts CD, Boguszewski D, Cummings J, Lewis KM, Paulin-Curlee G, et al. Effectiveness and useability of a newly designed advanced bipolar tissue sealer, Enseal™ X1 curved jaw tissue sealer. *World J Surg Surgical Res.* 2021; 4: 1304.

6. Based on internal test report RE00337469 Sticking evaluation with the Ethicon Enseal™ X1 curved jaw tissue sealer device vs. the LigaSure™ LF18XX and LF19XX conducted July 1, 2021.