

SEAL
SMARTER.
SEAL
BETTER.



The LigaSure Impact™ device —
the number one vessel sealer on
the market^{1,†} — with nonstick
nano-coated jaws

†Based on IMS data from 1999–2020.

ENHANCE YOUR PROCEDURAL FLOW

The nano-coated LigaSure Impact™ device outperforms EnSeal™* X1^{2,3,‡}

90% LESS STICKING[‡]

so you have fewer jaw cleanings^{4,§}

45% FASTER SEALING TIME^{3,Ω}

to improve procedural efficiency

13% COOLER SHAFT AND DISTAL HINGE TEMPERATURE^{5,††}

and no exposed hinge to maximize safe device operation

Don't lose the nonstick coating benefits

Standard reprocessing methods will degrade the nonstick coating and lead to an increase in sticking, eschar buildup, and cleanings.⁶



Ordering information

LigaSure Impact™ Curved Large Jaw Open Sealer/Divider Nano-Coated

Product Code: LF4418 | Quantity: Six per box

For more information, contact your local sales representative or visit [medtronic.com/covidien](https://www.medtronic.com/covidien)

[‡]Based on seal time and sticking. [§]Compared to the legacy device, cleaning effectiveness assessed after each of two cleaning cycles. ^ΩSeal time measured over all vessel size categories. ^{††}The mean maximum shaft/distal hinge temperature of the LigaSure Impact™ is 49 C compared to the EnSeal™* X1 at 62 C; tissue necrosis occurs at 60 C. ^{1.} Based on radiofrequency and ultrasonic market share (revenue-based) data generated from IMS market reports: 1999–2020. ^{2.} Based on internal test report #RE00091644, Tissue sticking comparison of the EnSeal™ X1 large jaw vessel sealer vs. the LigaSure Impact™ device: Instances of tissue sticking to device jaws measured over 110 seals per device using the Valleylab™ FT10 energy platform on porcine uterine tissue. April 13, 2017. ^{3.} Based on internal test report #RE00091641, Comparison of the renal artery burst pressure with the EnSeal™ X1 large jaw vessel sealer vs. the LigaSure Impact™ device: Seal time measured over all vessel size categories using the Valleylab™ FT10 energy platform on porcine kidneys. April 10–12, 2017. ^{4.} Based on internal test report #RE00057355, Lig-40 report product claim LF4418: Benchtop testing using porcine uterine tissue, a wet gauze cleaning fixture, and optical imaging analysis. July 29, 2016. ^{5.} Based on internal test report #RE00091646, Thermal profile comparison with the Ethicon EnSeal™ X1 large jaw vessel sealer vs. the LigaSure Impact™ using the ForceTriad™ energy platform and Valleylab™ FT10 energy platform on porcine mesentery: Temperature was measured using an infrared camera and thermocouple temperature readings. May 19, 2017. ^{6.} Based on internal test report #RE00065124, Lig-40 LF4418 product claims report for reprocessed jaws: Benchtop testing conducted with reprocessed device jaws using porcine tissue, porcine blood, and average (lbs.) tissue sticking force. Oct. 4–7, 2016.

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