



All India Institute of Medical Sciences, Bhubaneswar
At - Sijua (Patrapada), Post - Dumuduma, Bhubaneswar (Odisha) - 751 019

To be uploaded in Website: www.aiimsbhubaneswar.nic.in (Tender)

Reference No: J-11056(004)/17-2019/S&P

Dated: 13/02/2020

Sub: Procurement of Accessories & Consumables for Multi Features Electro-Cautery with Monopolar Bipolar & Thermo-Fusion (Model: FT10 & RapidVac, Make: covidien) for the Department of Surgical Oncology at AIIMS, Bhubaneswar on Proprietary basis - **Inviting Comments thereon.**

The Department of Surgical Oncology of AIIMS, Bhubaneswar has requested for Procurement of Accessories & Consumables for Multi Features Electro-Cautery with Monopolar Bipolar & Thermo-Fusion (Model: FT10 & RapidVac Make: covidien) through their Authorized Indian Representative **M/s Sushruta Surgicals Pvt. Ltd., BBSR.**

The Notice is being uploaded for general information of prospective manufacturer/Authorized Distributor/Dealers to submit their objection/proposal/comments, if any, on proprietorship of the item.

In case the product of any manufacturer/Authorized distributor/Dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the brochures, point by point compliance of the enclosed specifications along with all documentary evidence. One quotation of the product may also be submitted.

The objections/comments/proposal should be sent in sealed cover to the Office of Sr. Procurement Cum Stores Officer, AIIMS, Bhubaneswar (Odisha) – 751019 or through E-mail to aso@aiimsbhubaneswar.edu.in, spo@aiimsbhubaneswar.edu.in, so as to reach on or before **date: 24-02-2020** failing which it will be presumed that no other firm is interested to offer comments/protest/object and case will be decided on its merits.

The ref. no. – **J-11056(004)/2017-20/S&P** dt:13-02-2020, due on dated:24-02-2020 should be superscripted on sealed envelope.

Enclosure:

1. Proprietary Article Certificate from Indenting Officer of Department of Surgical Oncology, AIIMS, Bhubaneswar. **Annexure-I**
2. PAC of **M/s Covidien LLC, USA** for the Accessories & Consumables for Multi Features Electro-Cautery with Monopolar Bipolar & Thermo-Fusion (Model: FT10 & RapidVac) **Annexure-II**
3. Certificate of Authorization & Price quotation for Accessories & Consumables for Multi Features Electro-Cautery with Monopolar Bipolar & Thermo-Fusion (Model: FT10 & RapidVac) **Annexure-III**
4. Technical Boucher of the items (**Annexure-IV**)

Copy to:

- | | |
|---|------------------------------|
| 1. Indenting Officer, Department of Surgical Oncology : | for information please |
| 2. Accounts Officer : | for information please |
| 3. IT Cell : | for hoisting in the website. |

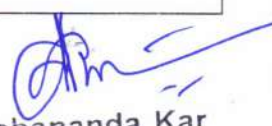
Sd/-

Sr. Procurement-cum-Stores Officer

Proprietary Article Certificate

Valid for the Current Financial Year

File No. and Date Reference :		J-11056(004)/2017-18/S&P	
1	Description of article	SML Ligasure jaw sealer / Drv Ligasure Maryland Jaw 37cm	
2	Forecast of quantity /annual requirement	02 Box / 01 Box - 1 year	
3	Approximate estimated value for above quantity	₹ 9,07,200/-	
4	Maker's name and address	Medtronic	
5	Name's of authorised dealers/ stockists	M/s Medilab & Co	
6	I approve the above purchase on PAC basis and certify that : - Note- Tick to retain only one out of (b), C-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it- without PAC certificate will be invalid.		
6 (a)	This is the only firm who is manufacturing / stocking this item. AND		
6 (b)	A Similar article is not manufactured / sold by any other firm, which could be used in lieu		✓
6 (c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/Warranty spares.) : OR		✓
6 (c-2)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources) :		
7	Reference of concurrence of finance wing to the proposal :		
History of PAC Purchase of this item for past three years may be given below :			
Name of the Supplier			
Order/ Tender Reference & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any
PO - 456 Dt 17.09.18	01 Box each	₹ 2,70,000	NIL


Dr. Madhabananda Kar
Professor & Head
Department of Surgery
AIIMS, Bhubaneswar-751019

Signature of Approving Authority.....

Date..... Designation of Officer.....

Date: 21st Aug, 2019

Proprietary Article Certificate

To Whomsoever It May Concern

This is to certify that the below mentioned products:

CBC	CBC//CBC BATTERY CHARGER X1
SCB	SCB//SCB SONICISION BATTERY PACK X1
SCD13	SCD13//SCD13 13CM CORDLESS U/S DISSECTOR
SCD26	SCD26//SCD26 26CM CORDLESS U/S DISSECTOR
SCD396	SCD396//SCD396 SONICISION U/S DISSECTOR
SCD48	SCD48//48CM CORDLESS U/S DISSECTOR
SCG	SCG//SCG SONICISION GENERATOR X1
SCST1	SCST1//SCST1 SONICISION STERILISATION TRAYX1
LF1212	LF1212//LF1212 SML LIGASURE JAW SEALER/DIV
LF1212A	LF1212A//LF1212A SML LIGASURE CUR JAW SEALER/DIV
LF1823	LF1823 LIGASURE BLUNT TIP 23CM
LF1837	LF1837 LIGASURE 5MM BLUNT TIP INST
LF1844	LF1844 LIGASURE BLUNT TIP 44CM
LF1923	LF1923 LIGASURE MARYLAND JAW 23CM
LF1937	LF1937 LIGASURE MARYLAND JAW 37CM
LF1944	LF1944 LIGASURE MARYLAND JAW 44CM
LF4418	LF4418 LIGASURE IMPACT
LF2019	Ligasure Exact Dissector
LF1723	LF1723//LF1723 LIGASURE MARYLAND JAW 23CM
LF1737	LF1737//LF1737 LIGASURE MARYLAND JAW 37CM
LF1744	LF1744//LF1744 LIGASURE MARYLAND JAW 44CM
LS2071	LS2071//LS2071 LIGASURE STANDARD DISP EL X12
LS3112	LS3112//LS3112 LIGASURE XTD HANDSWITCHING ELEC
LS2070	LS2070//LS2070 LIGASURE STANDARD INSTRUMENTX1
LS3110	LS3110//LS3110 XTD INSTRUMENT X1
LS1200	LS1200//LS1200 LIGASURE PRECISE INSTRUMENT
LS3092	LS3092//LS3092 LIGASURE MAX HANDSWITCHING ELEC
LS3090	LS3090//LS3090 LIGASURE MAX INSTRUMENT X1
LS1500	LS1500//LS1500 LIGASURE V 5MM SEALER DIVIDER
LF3225	LF3225//LF3225 CURVED JAW OPEN SEALER/DIV ELEC
LF3225C	LF3225C//LF3225C CURVED JAW OPEN REUSABLE CLAMP

LS1520	LS1520//LS1520 LIGASURE V SEALER/ DIVIDER 20CM
LS2111	LS2111//LS2111 LIGASURE AXS DISPOSABLE EL
LS1020	LS1020//LS1020 LIGASURE ATLAS HANDSWITCH20CM
LS1037	LS1037//LS1037 LIGASURE ATLAS HANDSWITCH37CM
LF5544	LF5544//LF5544 LIGASURE ADVANCE PISTOL5MM-44CM
LF4318	LF4318//LF4318 LIGASURE IMPACT
LF1623	LF1623//LF1623 LIGASURE BLUNT TIP 23CM
LF1637	LF1637//LF1637 LIGASURE 5MM BLUNT TIP INST
LF1644	LF1644//LF1644 LIGASURE BLUNT TIP 44CM
LF1520	LF1520//LF1520 LIGASURE 5MM BLUNT TIP 20CM
LF1544	LF1544//LF1544 LIGASURE 5MM BLUNT TIP 44CM X6
FORCEFX-8C	FORCEFX-8C//FORCEFX-8C ELECTROSURGICAL GENERATORX1
FORCEFX-8CAS	FORCEFX-8CAS//FORCE FX-8CAS FORCE FX AUTOBIPOLAR 220V
FORCEFX-8CS	FORCEFX-8CS//FORCE FX-8CS FORCE FX 220V X1
VLFX8GEN	Valleylab FX8 energy platform
E6008B	E6008B//E6008B MONO FOOTSWITCH-COMPACT CO X1
E6009	E6009//E6009 E6009 BIP FOOTSW X1
E0017	E0017//E0017 UNIVERSAL ACTIVE ADAPTER X1
E0502-1	E0502-1//E0502-1 REUSABLE UNIVERSAL ADAPTER X1
FORCETRIAD	FORCETRIAD//FORCETRIAD FORCE TRIAD ENERGY PLATFORM
VLFT10GEN	VLFT10GEN//VLFT10GEN FT SERIES ENERGY PLATFORMX1
VLLS10GEN	VLLS10GEN//VLLS10GEN LS SERIES VESSEL SEALING GEN
LS0300	LS0300//LS0300 LIGASURE SGL PEDAL FOOTSWITCHX1
FT6003	FT6003//FT6003 3 PEDAL FOOTSWITCH CUT-COAG-VL X1
FT6009	FT6009//FT6009 BIPOLAR RESECTION FOOTSWITCHX1
FTBRKIT	FTBRKIT//FTBRKIT FT ACTIVATION KIT BIP RESECTION
FT900	FT900//FT900 FORCE TRIAD MOUNTING CART X1
SE3695	SE3695//SE3695 RAPIDVAC SMOKE EVACUATOR 220VX1
SEA3730	SEA3730//SEA3730 RAPIDVAC INTERLINK CABLE X1
SEA3745	SEA3745//SEA3745 RAPIDVAC FOOTSWITCH X1
UC8009	UC8009//UC8009 UNIVERSAL CART X1
FORCEARGONII-8	FORCEARGONII-8//FORCEARGONII-8 FORCE ARGON II-8 X1
00802	00802//MF500 MONOP FOR 16CM W MC01/MC09 X1
03752	03752//03752 1 PEDAL FOOTSWITCH COAG ARGON4X1
04029	04029//04029 2 PEDAL FOOTSWITCH SS501 X1
04728	04728//FOOTSWITCH 04728 FS14 DBL PEDAL SS200E
04818	04818//04818 TRANSPORT UNIT ARGON4 X1
06523	06523//FOOTSWITCH 06523 FS16 DBL PED MONO1 SX
07179	07179//07179 PLASMA COAGULATOR ARGON4 X1
08441	08441//FOOTSWITCH 08441 FS23 SGL PED BIPO 501
08492	08492//ES GENERATOR 08492 SS200E MICROP 200W

09161	Connection hose for Argon4
09922	FOOTSW 09922 FS25 SGL PED BIPO 501SX 6PI
E0020V	E0020V//E0020V BIP CORD VL ESU US PIN 4.5M X1
E0512	E0512//E0512 3.6M BIP FORCEPS FOOTSW CORD X50
E2999	E2999//E2999 FOOTSW MONOP CORD X1
E4051-CT	E4051-CT//E4051-CT SCOVILL-GR BAY INS BIP FORC20CM
E4052-CT	E4052-CT//E4052-CT CUSHING INS BIP FORCEPS 15CM X1
E4053-CT	E4053-CT//E4053-CT CUSHING INS BIP FORC 17.8 CM X1
E4054-CT	E4054-CT//E4054-CT E4054-CT CUSHING BIPOLAR 7.X1
E4055-CT	E4055-CT//E4055-CT JEWEL IN FORC STR TIP 10.2CM X1
E4057-CT	E4057-CT//E4057-CT GERALD INS BAY FORC 19CM X1
E4058-CT	E4058-CT//E4058-CT CUSHING BAY INS BIP FORC 19CM
E4059-CT	E4059-CT//E4059-CT HARDY INS BAY BIP FORC 21CMX1
E4060-CT	E4060-CT//E4060-CT E4060-CT SEMKIN MICROBIPOLAX1
E4062-CT	E4062-CT//E4062-CT CURVED IRIS INS BIP FORC 9CM X1
E4073-CT	E4073-CT//E4073-CT TITAN BAY INS BIP ANG FORC22CM
E1000	E1000//E1000 3.2MM ELECTRODE BALL X1
E1002	E1002//E1002 5.6MM ELECTRODE BALL X1
E1003	E1003//E1003 2.5CM ELECTRODE NEEDLE X1
E1005	E1005//E1005 9.5CM ELECTRODE TUNGSTEN LOOPX1
E1020	E1020//E1020 ELECTRODE 1IN BLADE WITH HE X1
E1450-4	E1450-4//E1450-4 EDGE BLADE ELECTRODE 10CM X50
E1450-6	E1450-6//E1450-6 6IN COATED BLADE X50
E1450G	E1450G//E1450G 2 8CM COATED BLADE W/O HEX X50
E1450X	E1450X//2 8CM COATED BLADE WITH HEX X50
E1455	E1455//E1455 THE EDGE ENT/IMA ELECTRODE X50
E1455-4	E1455-4//E1455-4 EDGE INSULATED BLADE ELEC 10CM
E1455-6	E1455-6//E1455-6 15CM COATED BLADE ELECTRODEX50
E1465-6	E1465-6//E1465-6 EXTENDED INS COATED NEEDLE X50
E1512	E1512//E1512 ANGLED BLADE ELECT INSUL X10
E1550	E1550//E1550 5MM BALL ELECTROE X150
E1551-6	E1551-6//E1551-6 E1551-6 EXTENDED BLADE ELECTRODE
E1551G	E1551G//E1551G 2 8CM BLADE ELECTRODE X150
E1552-6	E1552-6//E1552-6 15.3CM NEEDLE ELECTRODE X50
E1559	E1559//E1559 10X10 DISP LLETZ ELECT X10
E1560	E1560//E1560 15X12 DISP LLETZ ELECT X10
E1561	E1561//E1561 20X12 DISP LLETZ ELECT X10
E1562	E1562//E1562 20X15MM DISP LLETZ ELECT X10
E1564	E1564//E1564 5MM DISP LLETZ BALL ELECT X10
E1651	E1651//E1651 3CM POINT TUNG NDL STRAIGHT X10
E7506-	E7506-//E7506 POLYHESIVE NON REM RET EL X50
E7507	E7507//E7507 POLYHESIVE II REM RET EL W/CORD
E7509-B	E7509-B//E7509-B E7509-B REM POLYHESIVE II X600
E7510-25	E7510-25//E7510-25 POLYHESIVE II PED RET EL X25

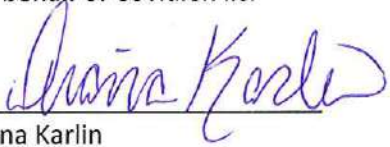
E7512	E7512//E7512 NEONATAL POLYHESIVE II PR ELEC
E0560	E0560//ACCESSORY REM PATIENT RETURN ELECT
E7509	Universal Return Electrode
HRA5	HRA5//HRA5 UNIVERSAL RETURN ELECTRODE X50
E2401	E2401//E2401 LECTROBRASIVE TIP CLEANER X100
E2504	E2504//E2504 FOOTSW PENCIL W 3M CORD X50
E2516	E2516//E2516 DISP HANDSWITCHING PENCIL X50
VL2610	ESVL2610//VL2610 RELIANT DISP PENCIL W HOLSTERX50
E2100	E2100//E2100 REUSABLE HANDSWITCHING PENCIL
E2520H	E2520H//E2520H ARGON GAS COAG HANDSET
E2530-3	E2530-3//E2530-3 E2530-3 FLEXIBLE ELECTROD X10
E2772-36	E2772-36//E2772-36 OPTI2 LAP ELECTRODE WIRE JHOOK
FT3000	FT3000//FT3000 FORCE TRIVERSE DEVICE 3M CORD
SEA3700	SEA3700//SEA3700 RAPIDVAC 3 PORT FILTER RFIDX2
SEA3710	SEA3710//SEA3710 RAPIDVAC SMOKE TUBING 1CMX3CM
SEA3720	SEA3720//SEA3720 1/4IN LAP SMOKE TUBING KIT WVAL
FT0021S	FT0021S//FT0021S FT BIPOLAR RESECTION CORD STORZ
FT0022W	FT0022W//FT0022W FT BIPOLAR RESECTION CORD WOLF
00703	00703//MC01 MONOP CAB MF FORCEPS 3MUNV X1
00746	00746//E110 MED ELECT 75MM LOOP TIP 8MM X1
00747	00747//E120 MED ELECT 75MM KNIFE TIP X1
00763	00763//BF500 BIP BAYONET 20CM 1.2MM TIP X1
00766	00766//BF501 BIP BAYONET 20CM 0.5MM TIP X1
02049	02049//E122 MED ELECT 120MM KNIFE TIP X1
03080	03080//MC06 CAB FOR ENDOSC SNARES 3M UNVX1
03718	03718//03718 70MM ELECTRODE ARGON4 X1
03721	03721//03721 3M FOOTSW HANDPIECE CABLE ARGON X1
04078	04078//04078 320MM ELECTRODE ARGON4 X1
04718	04718//TRANSPORT UNIT 04718 TU27 TO SX 601
04770	04770//MC07 CABLE FOR LAPAR TOOLS 3M X1
04777	04777//TRANSPORT UNIT 04777 TU28 TO 200E HF120
05010	05010//ADAPTER 05010 AD11 WEM TO VL CRD PADS
05699	05699//LC1520 ELE LEEP CONI 15X20MM TUNGX1
06161	06161//BC12 BIP CAB FORCEP 3M FLAT STDUVX1
06578	06578//BF505 BIP BAYONET 20CM 2.0MM TIP X1
06725	06725//ES GENERATOR 06725 SS501SX MICROP 400W
06971	06971//06971 3.1M DISPOSABLE PROBE ARGON4 X10
06972	06972//06972 2.5M DISPOSABLE PROBE ARGON4 X10
07994	07994//07994 CVHP SCALPEL BLADE ARGON X5
07929	BC14 Bipolar Cable
07927	Monopolar Cable for Laparoscopic Procedures
09921	FOOTSW 09921 FS24 DBL PED BIPO 501SX 6PI

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The product design and specifications are the property of and controlled by Covidien LLC, USA.

Also, the "M/s India Medtronic India Pvt Ltd is a 100% subsidiary of Covidien USA and is authorized to appoint distributors in India".

On behalf of Covidien llc:



Diana Karlin

Regulatory Affairs Operations Specialist



Medtronic

India Medtronic Pvt. Ltd

CIN: U33110MH1993PTC204814

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Medanta The Medicity Complex

Sector 38, Gurgaon 122001

Haryana, India

www.medtronic.com

Tel 91-124-4709800

Fax 91-124-4206850

Date: 13-01-2020

To
The Director
All India Institute of Medical Sciences
Patrapada, Sijua,
Bhubaneswar-751019,
Odisha

Sub: Quotation for Accessories Valleylab-(Medtronic)

Dear Sir,

As discussed, we are pleased to offer our best prices as under.

Sl. No.	Item Descriptions	Product Code	Price Per Unit	Qty.	Amount (Rs.)
01.	Ligasure Maryland JAW	LF1737	45,000.00	06 (1 Box)	2,70,000.00
02.	Ligasure Maryland nano coated	LF1937	50,000.00	06 (1 Box)	3,00,000.00
03.	Ligasure Small JAW	LF1212	45,000.00	06 (1 Box)	2,70,000.00
04.	Ligasure Impact	LF4318	45,000.00	06 (1 Box)	2,70,000.00
05.	Ligasure Blunt Tip nano coated	LF1837	45,000.00	06 (1 Box)	2,70,000.00
06.	Ligasure Exact nano coated	LF2019	50,000.00	06 (1 Box)	3,00,000.00

Terms & Conditions

Order Placed: Order to be placed Sushruta Surgicals Pvt. Ltd. Or India Medtronic Pvt. Ltd.

GST @12% extra applicable.

Validity : 60 days

Delivery : 4 to 6 weeks after receipt of confirm order and advance payment.

Payment: 100% Payment on Delivery.

With Regards

Soumya R Swain

Area Manager- (Energy Based Devices)

India Medtronic

Mob 9986522550

soumya.r.swain@medtronic.com



Soumya R Swain

NOW YOU CAN
**DISSECT WITH
PRECISION AND
A COOL JAW.**

Precise blunt dissection^{1,†} with
a cool thermal profile²

The new LigaSure™ exact dissector

Medtronic
Further. Together

PRECISION IN YOUR HANDS. EFFICIENCY IN YOUR OR.

Enhancing your procedures — from
nano-coated jaw to balanced handles¹

Our new LigaSure™ exact dissector is powered by the Valleylab™ FT10 and LS10 (where available) energy platforms. Its fine, curved jaw profile is engineered to¹:

- Deliver precise blunt dissection^{1,†}
- Optimize your ability to work in tight spaces^{1,‡}
- Enable a more efficient procedure^{1,2,§}

The LigaSure™ exact dissector also:

- Cools in 10 seconds after 5 activations²
- Makes cutting and sealing simple and intuitive^{1,¶}
- Reduces the need for instrument exchanges^{1,‡‡}
- Enables secure and atraumatic grasping of tissue^{1,††}



ORDERING INFORMATION

LigaSure™ Exact Dissector
LF2019 | 6 each

Contact your local sales rep or visit us
at medtronic.com/Covidien/ligasure-exact

[†]22 out of 23 surgeons surveyed agreed. [‡]21 out of 22 surgeons surveyed agreed. [§]Compared to the Harmonic Focus™+; 11 out of 12 surgeons surveyed agreed. & LigaSure™ small jaw 16 out of 16 surgeons surveyed agreed. [¶]23 out of 23 surgeons surveyed agreed. ^{††}19 out of 21 surgeons surveyed agreed. ^{‡‡}Compared to the Harmonic Focus™+; 10 out of 12 surgeons surveyed agreed. ^{§§}17 out of 17 surgeons surveyed agreed. ¹. Based on internal report #RE00114823. Validation labs: surgeon evaluation of LigaSure™ exact dissector, nano-coated. July 18 to 26, 2017. ². Based on internal report #RE00107711 Rev A. Market research: Thermal profile comparison testing cooldown to below 60 C for the LigaSure™ exact dissector and the Ethicon Harmonic Focus™+ (conducted on porcine tissue). Aug. 29, 2017.

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Medtronic

PROCEDURAL EFFICIENCY. **OPTIMIZED.**

We've taken the efficiency of our multifunctional LigaSure™ Maryland jaw device to the next level — by putting nonstick nano-coating on the jaws^{1,†}

LigaSure™ Maryland Jaw Device
with Nano-Coated Jaws



[†]Cleaning effectiveness assessed after each of two cleaning cycles.

RELIABLE VESSEL-SEALING TECHNOLOGY. **NANO-COATED.**

Our Maryland jaw device delivers the control and consistency of LigaSure™ vessel-sealing technology. In your hands, it gives you the power to grasp, dissect, cut, and seal.

And now with nonstick nano-coated jaws, the LigaSure™ Maryland jaw device can bring even greater efficiency to your OR.¹ Here's how.



Less sticking^{2,†}

97% less
than our legacy device

97% less
than the EnSeal™ G2 5 mm device

97% less
than the Voyant™ 5 mm Fusion

More effective cleaning

The nano-coated jaws of the LigaSure™ Maryland jaw device require fewer cleanings during a procedure compared to our legacy device. The nano-coating enables more effective jaw cleaning during the procedure than the legacy device.^{1,†}

Less eschar buildup^{2,§}

Nano-coating reduces eschar buildup by 15% compared to our legacy device.^{2,§}

Standard reprocessing methods will degrade the nonstick coating and lead to an increase in sticking, eschar buildup, and cleanings.³

Let's improve efficiency and procedural flow in your OR.

Call your local Medtronic sales representative or visit [medtronic.com/covidien](https://www.medtronic.com/covidien)



1. Based on internal test report #RE00071599, LF19XX MJC marketing claims report conducted on porcine tissue. Feb. 7 to Feb. 22, 2017.

2. Based on internal test report #RE00073194, Tissue sticking comparison of the Ethicon G2™, Voyant™ 5 mm Fusion, LigaSure™ LF1737, and LigaSure™ LF1937 devices conducted on porcine tissue using the Force Triad™ energy platform. Jan. 18, 2017.

3. Based on internal report #RE00045785, LF19XX Waiver of Sticking Testing Post-reprocessing. Jan. 19, 2017.

†Cleaning effectiveness assessed after each of two cleaning cycles.

‡Instances of tissue sticking to jaws measured over 110 seals per device on the Force Triad™ energy platform.

§Eschar buildup assessed using optical imaging analysis after 60 seal and divide cycles.

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PROVEN PERFORMANCE AROUND THE WORLD.

LigaSure™ vessel-sealing technology

20 YEARS

of research and development
to solve evolving clinical challenges
and advance patient care

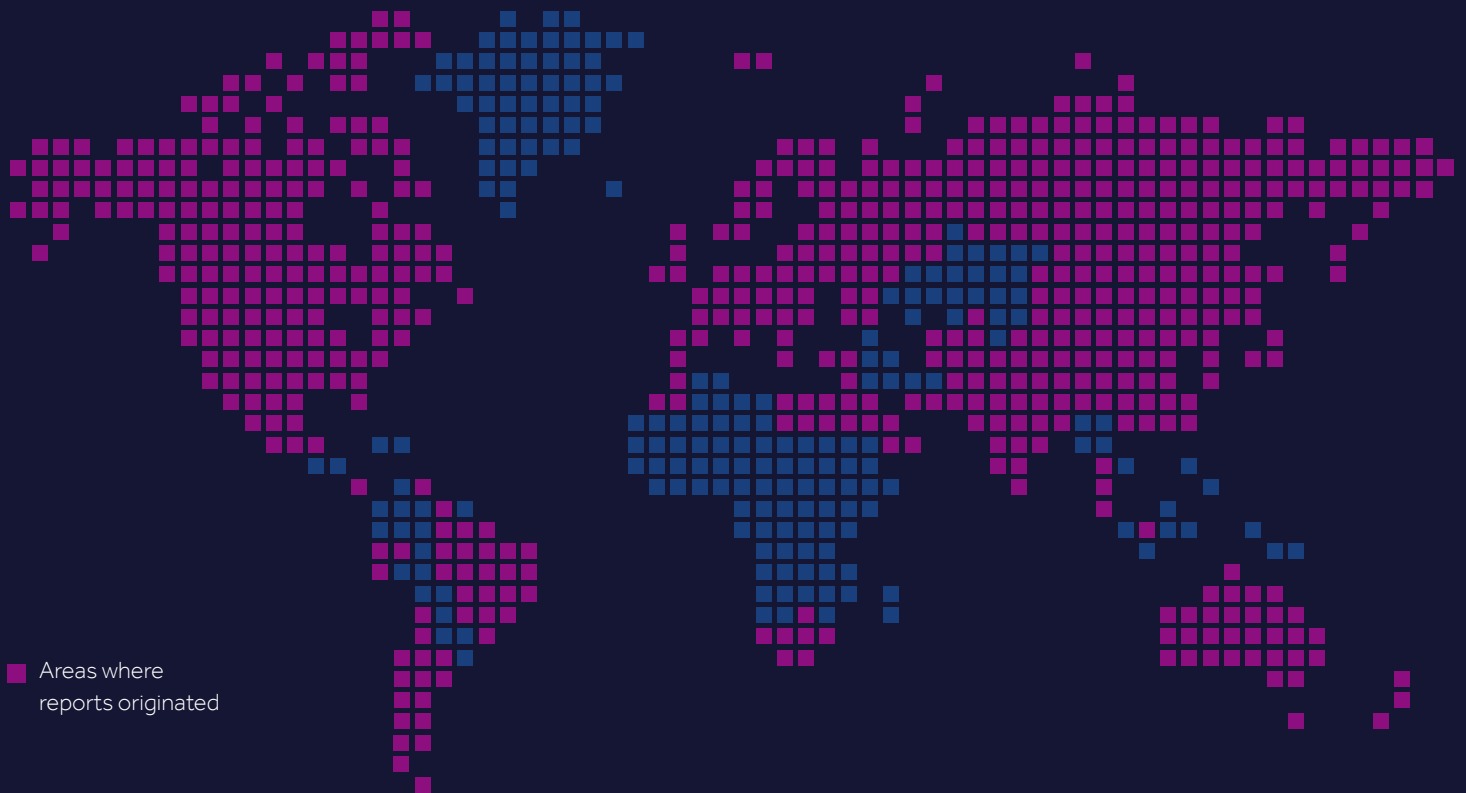
Used in nearly

**20 MILLION
PROCEDURES¹**

Backed by more than

**1,300 CLINICAL
PAPERS**

representing more than 63 countries²



■ Areas where
reports originated

The reliability of LigaSure™ technology is documented
in published reports from around the globe.²

Medtronic
Further. Together

CLINICAL VALUE IN THYROIDECTOMIES



LigaSure™ Small Jaw Instrument

Compared to conventional ligation or the Harmonic™* scalpel, LigaSure™ technology has shown³:



14–29%

reduction in procedure time[†]

That saves up to 24 minutes per procedure compared to clamp and tie



2.4 POINT REDUCTION

in postoperative pain (swallowing)[‡]

Leading to fewer patient complaints compared to Harmonic™* scalpel



LOWER OR SIMILAR

total procedure cost[§]

Despite higher consumable cost versus clamp and tie

EXPERIENCE THE CONFIDENCE. DELIVER THE BENEFITS.

If you'd like to try LigaSure™ technology, or obtain a copy of our full clinical and economic value dossier, contact your local Medtronic sales representative today.

[†]Based on seven papers published between 2013 and 2017 on the use of LigaSure™ technology in thyroidectomy procedures.

[‡]Based on 182 patients prospectively randomized using VAS.

[§]Based on three papers published between 2009 and 2017 on cost analysis in thyroidectomy procedures.

1. Based on internal report #US161132(1). Sales data from FY01-FY17. July 2017.

2. Based on internal reports #US170822, US170823, US170824, Global value dossier for LigaSure™ technology. October 2017.

3. Based on internal report #US170822, Global value dossier for LigaSure™ technology thyroidectomy. Oct. 27, 2017

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5920 Longbow Drive
Boulder, CO 80301 800.722.8772 [medtronic.com/covidien](https://www.medtronic.com/covidien)



LigaSure™ Exact Dissector

Medtronic