

Proven Advanced Energy Leader in Thyroidectomy*

HARMONIC FOCUS®
Curved Shears



*IMS U.S. Market Data, Sept. 2010

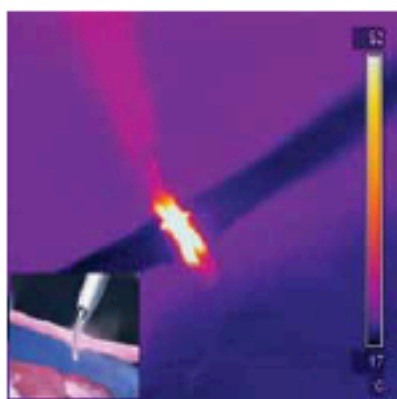
HARMONIC FOCUS® Curved Shears

Precise, multifunctional performance with optimal tissue care.

Recent clinical studies report:

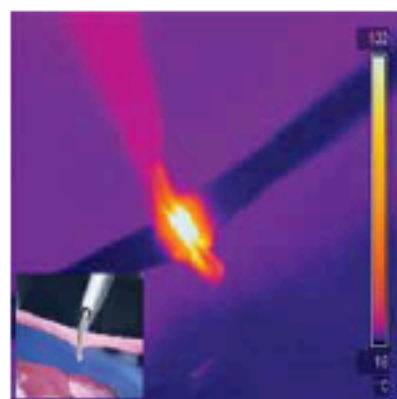
- In two recent studies, using HARMONIC FOCUS® reduced total thyroidectomy operative time by 27¹ and 15² minutes vs original LigaSure Precise™ with no difference in complication rate!
- Using HARMONIC FOCUS® for hemostasis in thyroidectomy has been shown to reduce operating time and blood loss without increasing complication rate, drainage fluid or hospital stay compared to thyroidectomy in which CCT is used³
- Regarding HARMONIC® technology in thyroidectomy, 2010 Ecker, et al., meta-analysis (12 studies with 1,153 patients) comparing HARMONIC®, LigaSure™ and CCT concluded that there is clear evidence that using HARMONIC® for hemostasis in thyroid surgery significantly reduces operative time and blood loss, and that it is not associated with an increase in volume of drainage, complication rate or hospital stay⁴

IR benchtop testing on carotid artery model



HARMONIC FOCUS®
initial activation temperature
(Power Level 5)

52°C



HARMONIC FOCUS®
near final transection temperature
(Power Level 5)

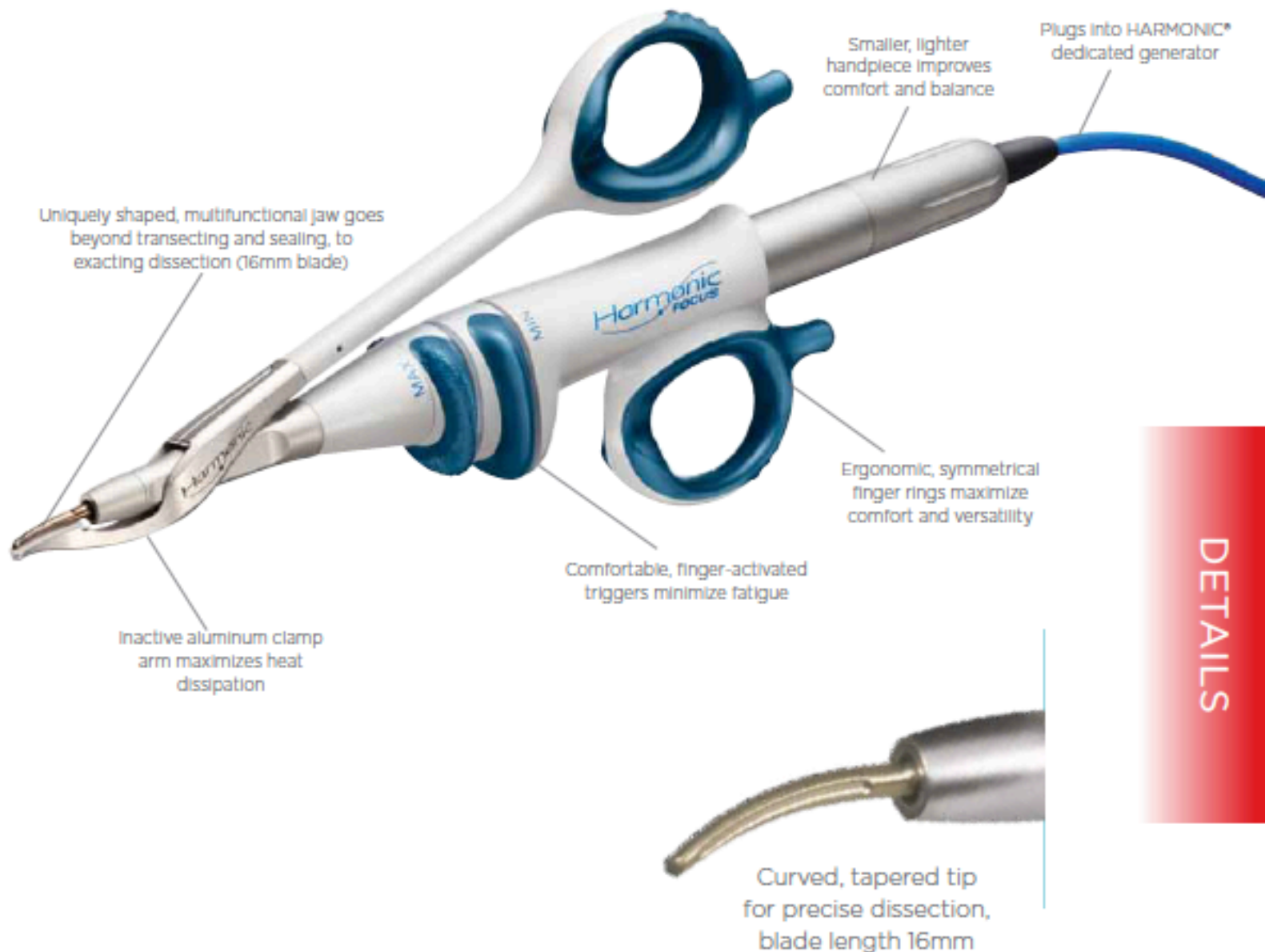
102°C

1. McNally M, Agle S, Williams F, Potah W. A comparison of two methods of hemostasis in thyroidectomy. *Am Surg* 2009 Nov; 75: 1073-1076. DSL 10-1534

2. Zarebczan B, Mohanty D, Chen H. A comparison of the LigaSure and Harmonic scalpel in thyroid surgery: A single institution review. *Ann Surg Oncol* 2010 Sept; 18.

3. Pons Y, Gauthier J, Ukkola-Pons E, Clément P, Roguet E, Poncet JL, Conessa C. Comparison of LigaSure vessel sealing system, Harmonic scalpel, and conventional hemostasis in total thyroidectomy. *Otolaryngol Head Neck Surg* 2009 Oct; 141(4): 496-501. DSL 10-1533

4. Ecker, et al., Hemostasis in thyroid surgery: Harmonic Scalpel vs other techniques - a meta-analysis. DSL 10-0895



DETAILS

Efficient	Saves 30 minutes in thyroidectomies vs clamp-cut-tie; moves through tissue quickly while maintaining hemostasis*
Precise	Minimal thermal tissue injury of ≤ 2 mm; allows dissection near vital structures
Versatile	Cuts, coagulates, dissects and grasps — may reduce instrument exchanges
Reliable	Reliably seals and divides vessels up to 5mm, as well as lymphatics**
Ergonomic	Feels like traditional fine-dissection instruments

* Save 30 minutes in thyroidectomy vs clamp-cut-and-tie. Data on file at Ethicon Endo-Surgery, DSL 06-1289

** Data on file at Ethicon Endo-Surgery, Inc. Based on preclinical testing on lymphatic vessels up to and including 3mm in diameter.

HARMONIC FOCUS® Curved Shears

Surgical Procedures:

- Thyroidectomy
- Parathyroidectomy
- Parotidectomy
- Neck Dissection



HARMONIC FOCUS® Curved Shears

DEVICES							
CODE	DESCRIPTION	GRIP	BLADE	SHAFT DIAMETER	LENGTH	COMPATIBLE WITH	QTY
FCS9	HARMONIC FOCUS® Curved Shears	Scissor	Curved	N/A	9cm	HPBLUE	6
CAPITAL							
CODE	DESCRIPTION	QTY	COMPATIBLE WITH				
GEN04	Generator 300 (TIOV)	1	FCS9				
CRT01	Generator Cart	1	GEN04				
HPBLUE	HARMONIC® BLUE Handpiece	1	FCS9				

SPECIFICATIONS

For more information, or to arrange a product evaluation, call your Ethicon Endo-Surgery Representative at 1-800-USE-ENDO.

Precise, multifunctional performance with optimal tissue care. **That's positive energy.**

