So sánh



A randomized, prospective, parallel group study comparing the Harmonic Scalpel to electrocautery in thyroidectomy

Carlos Cordón, MD, Rafael Fajardo, MD, Jaqueline Ramírez, MD, and Miguel F. Herrera, MD, PhD, Mexico City, Mexico



Cắt tuyết giáp



		Harmonic scalpel	Đốt điện	p
	Thời gian mổ	96 ± 23	121 ± 34	.005
	Máu mất	$35 \pm 27 \text{mL}$	$54 \pm 51 \text{ mL}$.06
	Số lượng mối chỉ cột	1 (0-7)	17 (6-28)	< .001

ORIGINAL RESEARCH-ENDOCRINE SURGERY

Comparison of LigaSure vessel sealing system, harmonic scalpel, and conventional hemostasis in total thyroidectomy

Yoann Pons, MD, Jérome Gauthier, MD, Elsa Ukkola-Pons, MD, Philippe Clément, MD, Eric Roguet, MD, Jean-Luc Poncet, MD, and Claude Conessa, MD, Paris, France

CONCLUSION: Total thyroidectomy using the harmonic scalpel was the fastest procedure because it was bloodless, and hemostasis and sectioning were controlled with a single instrument; it was, therefore, the most inexpensive procedure because of the reduction of operative time and staff cost. The operative safety was

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TRUNG TÂM HUẤN LUYỆN PHẪU THUẬT NỘI SOI ĐẠI HỌC Y DƯỢC TP HỒ CHÍ MINH

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The use of a harmonic scalpel in thyroid surgery: report of a 3-year experience

Konstantinos Koutsoumanis, M.D., Athanasios S. Koutras, M.D., Panagiotis G. Drimousis, M.D.*, Konstantinos M. Stamou, M.D., Ph.D., Dimitrios Theodorou, M.D., F.A.C.S., Stylianos Katsaragakis, M.D., Ph.D., John Bramis, M.D., Ph.D.

Methods: This was a prospective observational study. Data sheets from all patients who had surgery by a single endocrine surgeon in the period from 1999 to 2004 were evaluated. Patients were divided into 3 groups based on the surgical technique used: group I comprised the conventional knot-and-tie technique, group II comprised the ligation of all but the superior thyroid vessels with a scalpel, and group III comprised patients in whom the device was used exclusively. The groups were compared in regard to surgical time, cost, and complication rate.

Conclusions: The use of the harmonic scalpel reduces surgical time, but it increases the cost of the surgery. It is our belief that by including in the absolute cost the time saved and the reduction in human resources needed, the use of the scalpel would prove to be economic.

Harmonic-Enseal





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Cầm máu trong phẫu thuật



Nguồn năng lượng mới: dao cắt siêu âm

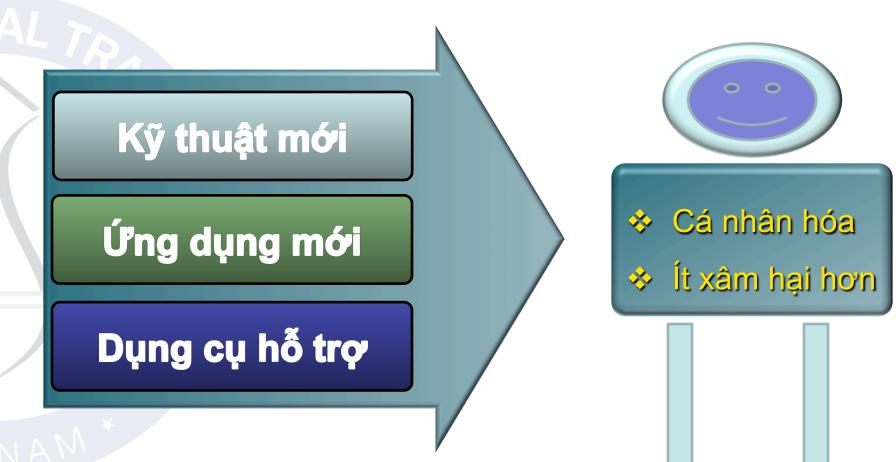
Ngày càng sử dụng phổ biến

Dụng cụ không thể thiếu của PTV



Tóm tắt





TRUNG TÂM HUẤN LUYỆN PHẪU THUẬT NỘI SOI ĐẠI HỌC Y DƯỢC TP HỒ CHÍ MINH

Sử dụng hiệu quả tạo nên giá trị

