

So sánh



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

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Cắt tuyệt 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 mỗi 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

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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

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

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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



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

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



Kỹ thuật mới

Ứng dụng mới

Dụng cụ hỗ trợ



- ❖ Cá nhân hóa
- ❖ Ít xâm hại hơn

Sử dụng hiệu quả tạo nên giá trị

