Compared to conventional methods, the HARMONIC FOCUS® family of curved shears is associated with a reduction in total reported costs in thyroidectomy compared with conventional methods.

HARMONIC FOCUS® family of curved shears: clear cost savings in thyroidectomy

Hospital costs associated with thyroidectomy performed with a HARMONIC® device compared to conventional techniques: a systematic review and meta-analysis

- Seven studies met the inclusion criteria. A total of 476 participants had procedures performed with HARMONIC® devices and 478 with conventional techniques.
- The HARMONIC family of devices can improve efficiency and reduce costs to the hospital when they are used to perform thyroidectomy
- HARMONIC devices can reduce total operative costs by 10% ($229) in thyroidectomy when compared to conventional techniques

HARMONIC FOCUS® family of curved shears also has been shown to provide a superior clinical advantage to conventional methods in thyroidectomy procedures by significantly reducing:

- Operative time: 29.5 minutes
- Intraoperative blood loss: 45 ml
- Length of stay: 0.7 days
- Drainage volume: 29 ml

Read full article
HARMONIC FOCUS® family of curved shears:
The leading surgical head and neck solution

Reliable sealing + Enhanced precision + Improved efficiency + Cost savings

The HARMONIC FOCUS® family dynamically optimizes energy delivery in response to changing tissue conditions.

- **Precise tapered tip design**: Enables you to precisely grasp, dissect, seal and cut.
- **Minimal thermal damage**: Precise energy delivery for dissection near vital structures.
- **Ergonomic design**: Feels, responds and dissects like a traditional fine dissection instrument.
- **Full range of head and neck procedures**: Glossectomy, parotidectomy, thyroidectomy, radical neck.

Comprehensive solutions of energy-based surgical devices for precision and multifunctionality in your head and neck procedures.

**HARMONIC FOCUS+** gives you a single device with reliable sealing, fine dissection and minimal lateral thermal spread—allowing you to do more and enabling a reduction in procedure time and cost.

HARMONIC® Technology was shown to significantly reduce operative time in neck dissection by 29 mins when compared to conventional methods.

To learn more, contact your sales representative or visit ethicon.com/harmonic.

<table>
<thead>
<tr>
<th>Product code</th>
<th>Description</th>
<th>Quantity/ sales unit</th>
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<tbody>
<tr>
<td>HAR9F</td>
<td>HARMONIC FOCUS® Shears + Adaptive Tissue Technology</td>
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<tr>
<td>HAR17F</td>
<td>HARMONIC FOCUS® Long Shears + Adaptive Tissue Technology</td>
<td>6</td>
</tr>
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2. Based on a meta-analysis of HARMONIC FOCUS® (HF) versus clamp, cut and tie, where HF reduced operative time (p<0.001), intra-operative blood loss (p<0.005), length of stay (p<0.005), drainage volume (p<0.05). Cheng et al., A systematic review and meta-analysis of Harmonic Focus in thyroidectomy compared to conventional techniques. Thyroid Research (2015) 8:15 (044269-180116)
3. As per literature searches in Embase/Medline, PubMed and Google Scholar through February 2019 (110927-190402)
4. As exhibited in an animate, porcine vessel model - 63/64 (HAR9F) vs. 31/32 (FCS9) seals passing blood pressure challenge, p=1. (009361-140129)
5. As exhibited in a preclinical model (n=16), mean lateral thermal spread of 1.68mm. (012142-200109)
6. The health technology method was applied in a case study of 440 patients undergoing thyroidectomy in Terni, Italy. The use of HARMONIC FOCUS® resulted in reducing overall procedure time from 143.33 minutes to 113.7 minutes (20.67%) and reducing overall hospital cost from €3,055 to €2,768 (9.39%). Lucchini R., et. al., Health technology assessment and thyroid surgery. Il Giornale di Chirurgia (July/August 2013) 34:198-201 (005346-131028)
7. Compared with conventional hemostasis, HARMONIC® reduced operative time by 29.3 minutes [mean diff: -29.29; 95% CI = (-44.26, -14.32); P=0.0001]. Rem ZH, et al. The Harmonic Scalpel versus Conventional Hemostasis for Neck Dissection: A Meta-Analysis of the Randomized Controlled Trials. PLoS One. 2015; 10(7):e0132862(160910)

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