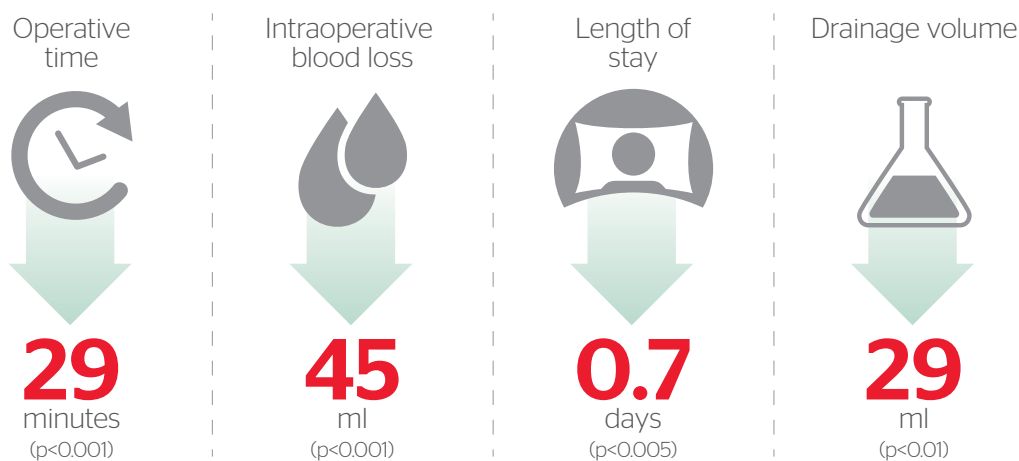


HARMONIC FOCUS® family of curved shears: **the undisputed leader** in thyroid procedures

Compared to conventional methods, the **HARMONIC FOCUS® family** of curved shears has been shown to provide a **superior clinical advantage** to conventional methods in thyroidectomy procedures by significantly **reducing**.¹



A Systematic Review and Meta-analysis of HARMONIC FOCUS in Thyroidectomy Compared to Conventional Techniques

Hang Cheng, Ireena Soleas, Nicole C. Ferko, Jeffrey W. Clymer and Joseph F. Amaral *Thyroid Research* (2015) 8:15

- The first ever, peer-reviewed meta-analysis of clinical research on a single ultrasonic device, the HARMONIC FOCUS, that supports the safe and effective use of HARMONIC FOCUS in thyroidectomy versus conventional clamp, cut and tie.
- Includes 14 studies consisting of 2,516 patients reporting on HARMONIC FOCUS use in total thyroidectomy.
- HARMONIC FOCUS has been shown to be more effective in thyroidectomy procedures compared to conventional methods.



The clinical advantages of the HARMONIC FOCUS family of curved shears are superior to conventional methods in thyroidectomy procedures.²

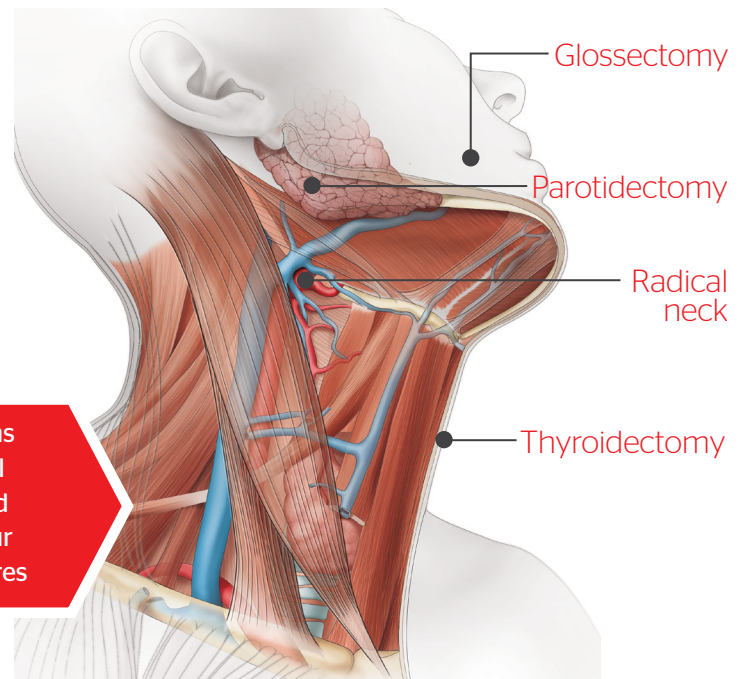
HARMONIC FOCUS® family of curved shears: A total **head and neck solution**

Reliable sealing + Enhanced precision + Fine dissection + Improved efficiency

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 cut³
- **Minimal thermal damage:** Precise energy delivery for dissection near vital structures⁴
- **Ergonomic design:** Feels, responds and dissects like a traditional fine dissection instrument⁵
- **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 sealing⁶ and fine dissection³ with less lateral thermal spread⁷ that allows you to do more, thus enabling **reduction in procedure time and cost.**^{1,8}

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

Product Code	Description	Quantity/ Sales Unit
HAR9F	HARMONIC FOCUS® Shears + Adaptive Tissue Technology	6
HAR17F	HARMONIC FOCUS® Long Shears + Adaptive Tissue Technology	6



¹ 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<0.001), length of stay (p<0.005), drainage volume (p<0.01). Cheng et al, A systematic review and meta-analysis of Harmonic Focus in thyroidectomy compared to conventional techniques. *Thyroid Research* (2015) 8:15. (C1962) ² Based on a meta-analysis of HARMONIC FOCUS® (HF) versus clamp, cut and tie, where HF reduced OR time, intra-operative blood loss, length of stay and drainage volume (all p<0.01). Cheng et al, A systematic review and meta-analysis of Harmonic Focus in thyroidectomy compared to conventional techniques. *Thyroid Research* (2015) 8:15. (C1960) ³ (C260) ⁴ (C734) ⁵ (C301) ⁶ As exhibited in an animate, porcine vessel model - 63/64 (HAR9F) vs. 31/32 (FCS9) seals passing blood pressure challenge, p=1. (C1624) ⁷ As exhibited in a preclinical model (n=16), mean lateral thermal spread of 168mm. (C1668) ⁸ 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 €3,065 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. (C1529)