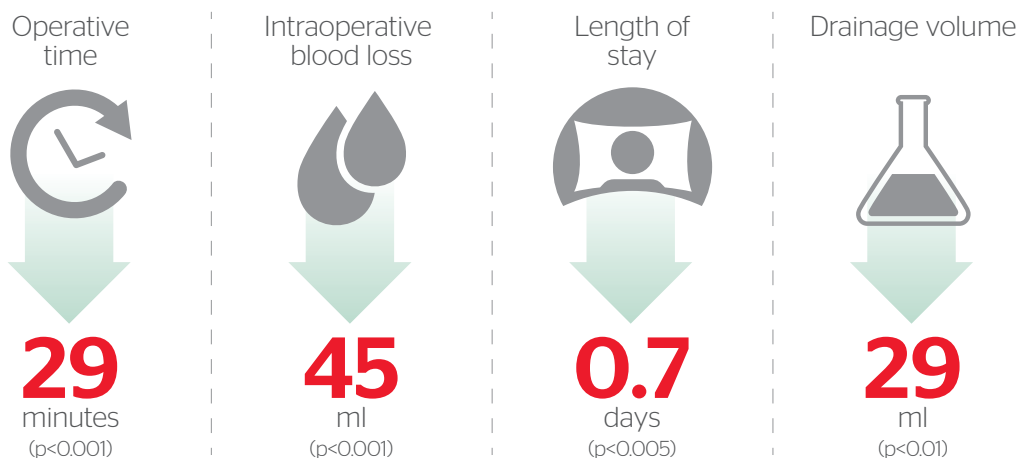




# HARMONIC FOCUS® family of curved shears: **the undisputed leader** in thyroid procedures<sup>1</sup>

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**:<sup>2</sup>



## 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 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.



Read the full article.

**The clinical advantages of the HARMONIC FOCUS family of curved shears are superior to conventional methods in thyroidectomy procedures.**<sup>3</sup>

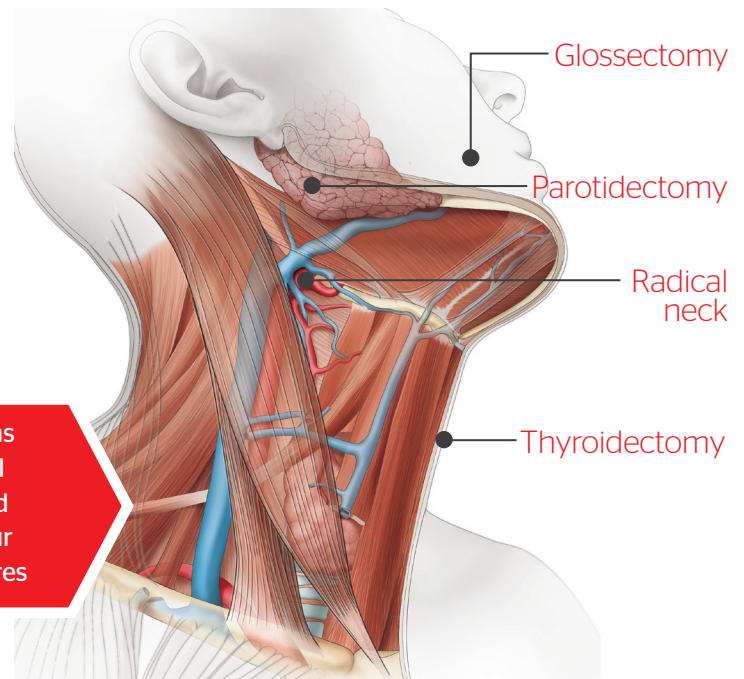
# HARMONIC FOCUS® family of curved shears: The leading surgical **head and neck solution**<sup>4</sup>

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 cut<sup>5</sup>
- **Minimal thermal damage:** Precise energy delivery for dissection near vital structures<sup>6</sup>
- **Ergonomic design:** Feels, responds and dissects like a traditional fine dissection instrument<sup>7</sup>
- **Wide 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<sup>8</sup> and fine dissection<sup>5</sup> with less lateral thermal spread<sup>9</sup> that allows you to do more, thus enabling **reduction in procedure time and cost.**<sup>2</sup>

**To learn more, contact your sales representative or visit [ethicon.com/harmonic](http://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



<sup>1</sup> Market share data compiled from Decision Resources Group (120150-190806) <sup>2</sup> 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 (044269-180116) <sup>3</sup> 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. (044267-151204) <sup>4</sup> As per literature searches in Embase/Medline, PubMed and Google Scholar through February 2019. (110927-190402) <sup>5</sup> (052511-160503) <sup>6</sup> (038031-170215) <sup>7</sup> (052513-160503) <sup>8</sup> As exhibited in an animate, porcine vessel model - 63/64 (HAR9F) vs. 31/32 (FCS9) seals passing blood pressure challenge, p=1. (009361-140129) <sup>9</sup> As exhibited in a preclinical model (n=16), mean lateral thermal spread of 1.68mm. (012142-200109)