

Thyroidectomy rates lower after guideline implementation

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(HealthDay)—Implementation of the 2015 American Thyroid

Association guidelines on surgery for well-differentiated thyroid carcinoma was associated with a significant decrease in the rates of both up-front total thyroidectomy and completion thyroidectomy, according to a study published online March 29 in *JAMA Otolaryngology-Head & Neck Surgery*.

Nir Hirshoren, M.D., from the Hadassah-Hebrew University Medical Center in Jerusalem, and colleagues performed a [retrospective cohort study](#) of 169 [patients](#) to evaluate clinical practice changes associated with implementation of the updated guidelines on the surgical procedure rates of total thyroidectomy, thyroid lobectomy, and completion thyroidectomy at a single tertiary medical center.

The researchers found that up-front total thyroidectomy was performed in 61 percent of patients before the 2015 American Thyroid Association guidelines were implemented and in 31.4 percent after guideline implementation (odds ratio [OR], 0.29). There was also a significant decrease in the rate of completion thyroidectomy between these periods (73.9 versus 20 percent; OR, 0.09).

"The extent of [thyroidectomy](#) was reduced considerably following the 2015 American Thyroid Association guidelines, and only one of five patients who undergo thyroid lobectomy will require a completion procedure according to the new criteria," the authors write.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

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