

Are Hürthle-Cell Thyroid Cancers Really a More Aggressive Form of Thyroid Cancer?

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than follicular thyroid carcinoma when compared by American Joint Committee on Cancer (AJCC) staging. Nevertheless, this population study confirms that HCC should be managed aggressively with the expectation of a worse disease-free survival than ODTC. It has always been a question whether RAI ablation therapy should be given for a tumor that is often not iodine-avid. At face value, this population study suggests that RAI ablation reduces mortality, but I suspect that patients who did not receive RAI also did not have thyroidectomy because of advanced local

or distant metastatic spread. Thus, the patients who received RAI had lower-stage tumors and a better survival. This is supported by the authors who found after adjusting for “various” factors that RAI was not associated independently with long-term survival. I support the ATA guideline that suggests that RAI ablation of the thyroid remnant should be performed to improve early detection by revealing rising serum thyroglobulin levels (3).

— **Stephanie L. Lee, MD, PhD**

References

1. Kushchayeva Y, Duh QY, Kebebew E, Clark OH. Prognostic indications for Hürthle cell cancer. *World J Surg* 2004;28:1266-70. Epub November 11, 2004.
2. Lopez-Penabad L, Chiu AC, Hoff AO, Schultz P, Gaztambide S, Ordoñez NG, Sherman SI. Prognostic factors in patients with Hürthle cell neoplasms of the thyroid. *Cancer* 2003;97:1186-94.
3. Cooper DS, Doherty GM, Haugen BR, Kloos RT, Lee SL, Mandel SJ, Mazzaferri EL, McIver B, Pacini F, Schlumberger M, Sherman SI, Steward DL, Tuttle RM. Revised American Thyroid Association management guidelines for patients with thyroid nodules and differentiated thyroid cancer. *Thyroid* 2009;19:1167-214.