

## A patient with two thyroid papillary carcinomas demonstrating hot and cold lesions on $^{123}\text{I}$ thyroid scintigraphy

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A 44-year-old euthyroid woman had two palpable nodules in the thyroid gland.  $^{123}\text{I}$  thyroid scintigraphy showed a hot nodule in the right lobe and a cold one in the left lobe. Total thyroidectomy was performed, and histopathologic examination revealed that both tumors contained papillary carcinoma. Thus, hot nodules on a thyroid scintigram with  $^{123}\text{I}$  do not necessarily preclude malignancy.

**Key words:** thyroid carcinoma,  $^{123}\text{I}$  scintigraphy, hot nodule