

Gallium-67 accumulation to the tumor thrombus in anaplastic thyroid cancer

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A sixty-five-year-old woman was hospitalized for examination of swelling in the left arm. Gallium-67 scintigraphy showed the same radioactivity in the left lobe of the thyroid gland and the junction of the internal jugular vein and the subclavian vein. Operation then proved obstruction of the left internal jugular vein and subclavian vein due to tumor thrombus accompanied by anaplastic thyroid cancer. Gallium-67 scintigraphy was extremely useful in grasping the extent and feature of the tumor.

Key words: gallium-67 scintigraphy, anaplastic cancer, thyroid cancer, tumor thrombus