

하시모토 갑상선염에 동반된 원발성 갑상선 림프종 1예

송 달 원 · 남 성 일

A Case of Primary Thyroid Lymphoma Associated with Hashimoto's Thyroiditis

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ABSTRACT

Primary lymphoma of the thyroid is a relatively rare malignant thyroid neoplasm. It is known to be frequently associated with Hashimoto's thyroiditis. The clinical presentation includes an enlarging neck mass, accompanied by dysphagia, dyspnea or hoarseness, with its most common histologic type being the diffuse large B cell non-Hodgkin's lymphoma. Recently, we experienced a case of a primary thyroid lymphoma associated with Hashimoto's thyroiditis in a 60-year-old woman, who presented with an anterior neck mass. We present this case with a review of the literature. (Korean J Otolaryngol 2005;48:943-6)

KEY WORDS : Lymphoma · Thyroid neoplasm · Thyroiditis.

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7 × 3.5 × 3 cm 가
(Fig. 1).
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7 × 3.5

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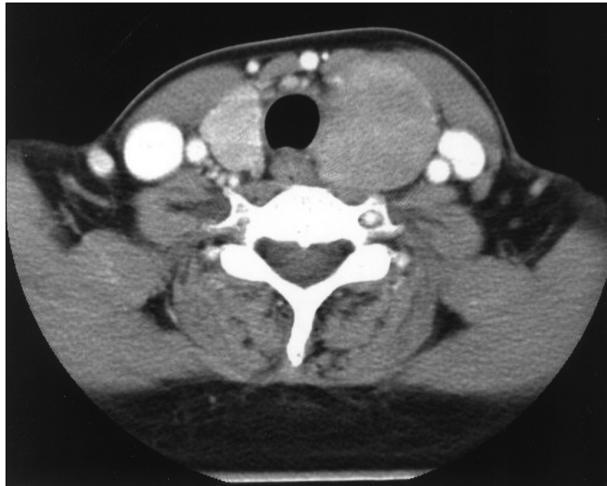


Fig. 1. Preoperative neck CT reveals asymmetrical enlargement of thyroid gland containing a large homogenous low density mass in the left thyroid gland.

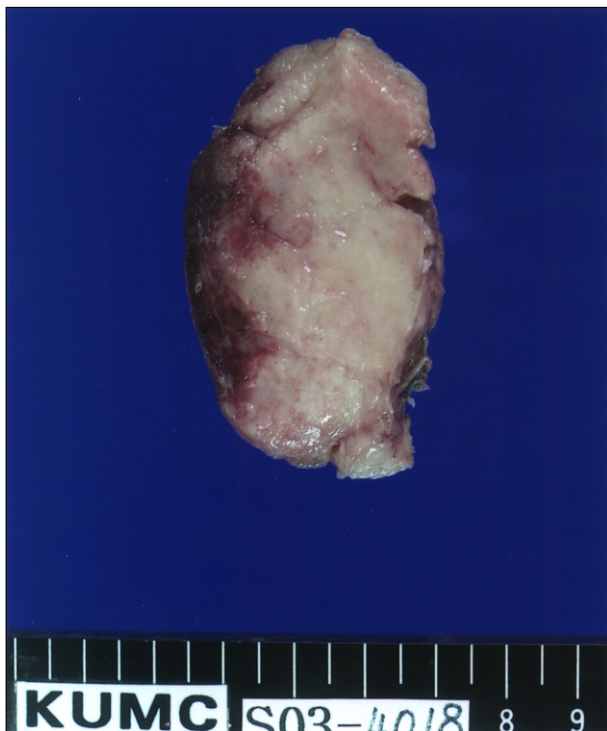


Fig. 2. Cut surface of the specimen revealed pale tan nodular lesion involving nearly entire thyroid gland.

× 3 cm

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7 × 3.5 × 3 cm

(Fig. 2).

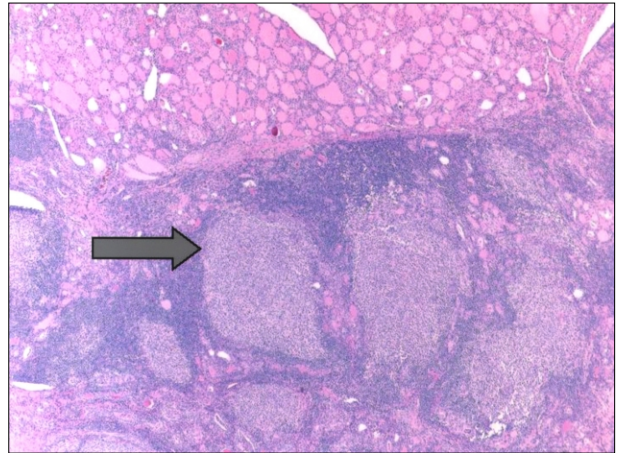


Fig. 3. Light microscopic finding shows numerous lymphoid follicles (arrow) with small atrophied thyroid follicles. Some lymphoid follicles are vague and nodular infiltration into the surrounding tissue (H & E stain, × 40).

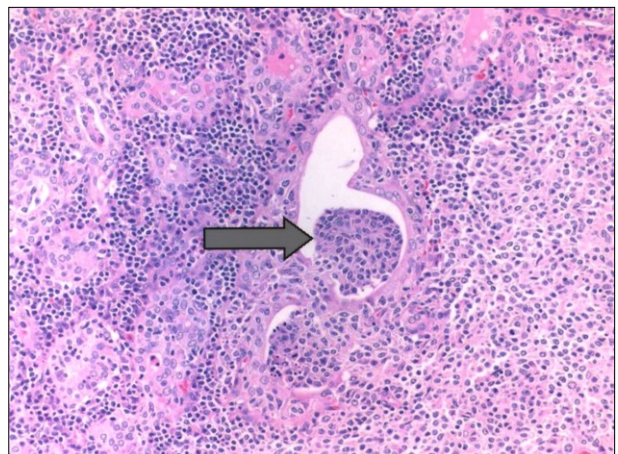


Fig. 4. High power light microscopic finding shows large anaplastic lymphoid cells (arrow) with invasion of the thyroid follicles (so called lymphoepithelial lesion) (H & E stain, × 200).

(mucosa associated lymphoid tissue) MALT B

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REFERENCES

- 1) Ansell SM, Grant CS, Habermann TM. Primary thyroid lymphoma. *Semi Oncol* 1999;26:316-23.
- 2) Cha C, Chen H, Westra W, Ulelsman R. Primary thyroid lymphoma: Can you diagnosis be made solely by fine-needle aspiration? *Ann Surg Oncol* 2002;9:298-302.
- 3) Tupchong L, Hughes F, Harmer CL. Primary lymphoma of the thyroid: Clinical features, prognostic factors, and results of treatment.

- Int J Radiat Oncol Biol Phys* 1986;12:1813-21.
- 4) Kim ST, Park SJ, Hong SW, Kang YK. A case of malignant lymphoma of the thyroid gland. *Korean J Otolaryngol* 1998;41:104-8.
- 5) Holm LE, Blomgren H, Lowhagen T. Cancer risks in patients with chronic lymphocytic thyroiditis. *N Engl J Med* 1985;312:601-4.
- 6) Lee GK, Choi YL. Primary non-Hodgkin's lymphoma in Hashimoto thyroiditis. *Chungbuk Med J* 2002;12:48-55.
- 7) Aozasa K, Inoue A, Tajima K, Miyuchi A, Matsuzuka F, Kuma K. Malignant lymphomas of the thyroid gland: Analysis of 79 patients with emphasis on histologic prognostic factors. *Cancer* 1986;58:100-4.
- 8) Park WC, Lee KM, Yun KJ. Malignant lymphoma associated with Hashimoto's thyroiditis. *J Korean Surg Soc* 2002;62:169-72.
- 9) Matsuzuka F, Miyauchi A, Katayama S, Narabayashi I, Ikeda H, Kuma K, et al. Clinical aspects of primary thyroid lymphoma: Diagnosis and treatment based on our experience of 119 cases. *Thyroid* 1993;3:93-9.
- 10) Tagashima S, Ikezoe J, Morimoto S, Arisawa J, Hamada S, Ikeda H, et al. Primary thyroid lymphoma: Evaluation with CT. *Radiology* 1988;168:765-8.
- 11) Rhee JY, Lee NJ, Seol HY, Kim JH. CT findings of primary thyroid lymphoma: Report of two cases. *J Korean Radiol Soc* 1999;40:459-62.
- 12) Lee HK, Lee JM, Kang CS. Fine needle aspiration cytologic findings of thyroid lymphoma: Report of two cases. *Korean J Cytopathol* 2002;13:33-7.
- 13) Hamburger JI, Miller JM, Kini SR. Lymphoma of the thyroid. *Ann Intern Med* 1983;99:685-93.
- 14) Devine RM, Edis AJ, Banks PM. Primary lymphoma of the thyroid. *World J Surg* 1981;5:33-8.
- 15) Tsang RW, Gospodarowicz MK, Pintilie M, Bezjak A, Wells W, Hodgson DC, et al. Stage I and II MALT lymphoma: Results of treatment with radiolotherapy. *Int J Radiat Oncol Biol Phys* 2001;50:1258-64.
- 16) Rasbach DA, Mondschein MS, Harris NL, Kaufman DS, Wang CA. Malignant lymphoma of the thyroid gland: A clinical and pathologic study of twenty cases. *Surgery* 1985;98:1166-70.
- 17) Sippel RS, Ganger PG, Angelos P, Thompson NW, Mack E, Chen H. Palliative thyroidectomy for malignant lymphoma of the thyroid. *Ann Surg Oncol* 2002;9:907-11.
- 18) Tsang RW, Gospodarowicz MK, Sutcliffe SB, Sturgeon JF, Panzarella T, Patterson BJ. Non-Hodgkin's lymphoma of the thyroid gland: Prognostic factors and treatment outcome. *Int J Radiat Oncol Biol Phys* 1993;27:599-604.