



(DSPC) .

가 DSPC 1 DSPC .

(Diffuse Sclerosing Variant of papillary thyroid carcinoma, DSPC) 가 , 1.5 cm .

(papillary thyroid carcinoma, PTC) 가 (Fig. 1).

(1). PTC , DSPC (fine needle aspiration biopsy, FNAB) PTC

(1 - 3). PTC DSPC 1 (Fig. 2). ,

가 (ultrasonography, US) (computed tomography, CT) (bronchoalveolar lavage, BAL)

가 가

, 3 .

38 가 4 , 1 .

가 , 가 PTC Crile Fisher . 1953

, 가 가 (4). 1985 Vickery (5)

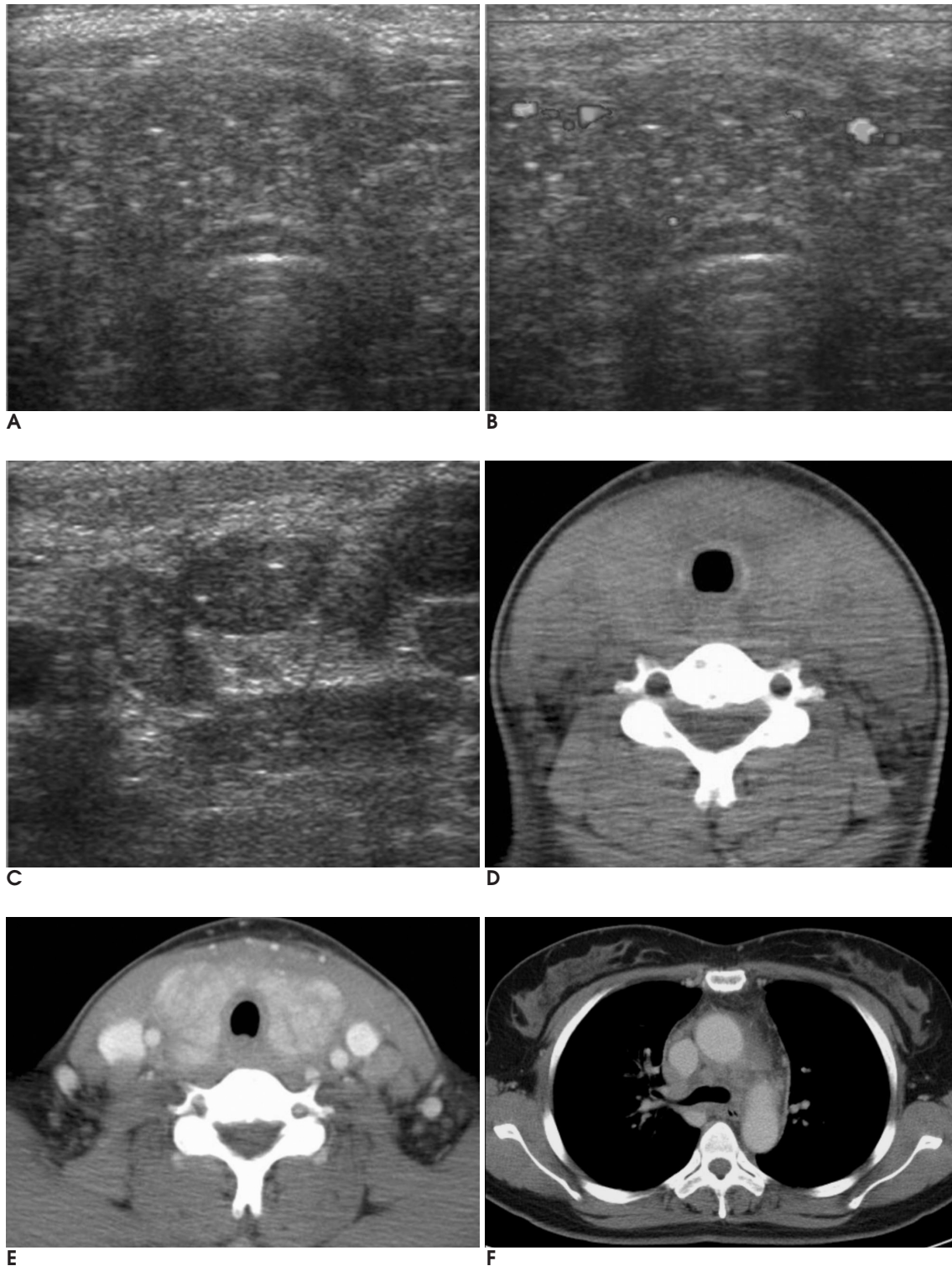
DSPC 90%가 PTC , PTC 1.3 - 3.4%가 DSPC (2).

DSPC PTC 가 PTC (3). DSPC

PTC 가 (1). PTC

DSPC , DSPC (nuclear hypochromatism),

1 2006 1 5 2006 4 6



**Fig. 1.** Radiologic findings on sonography and CT scan

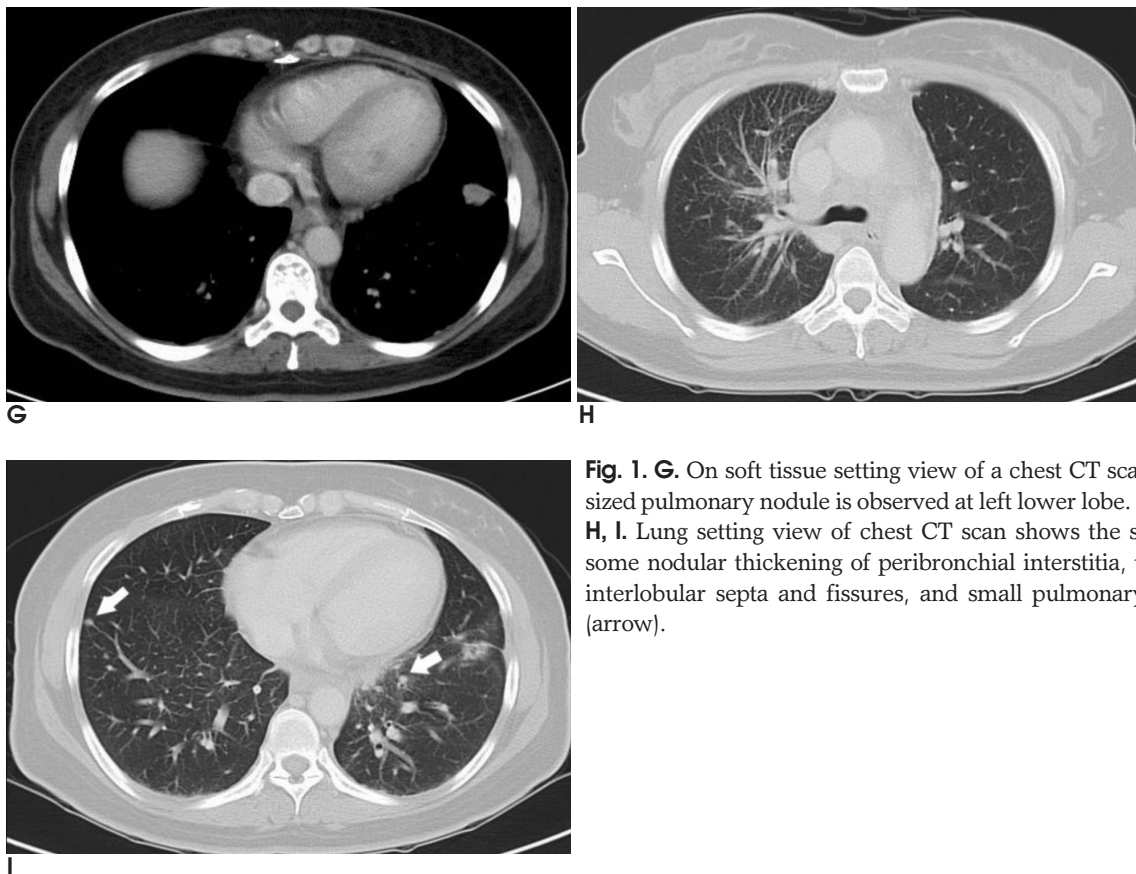
**A, B.** Ultrasonography of the thyroid shows diffuse glandular enlargement, decreased parenchymal echogenicity, scattered microcalcification and slightly increased parenchymal vascularity.

**C.** Ultrasonography of cervical lymph nodes shows moderate enlargement, decreased parenchymal echogenicity and loss of echogenic hila.

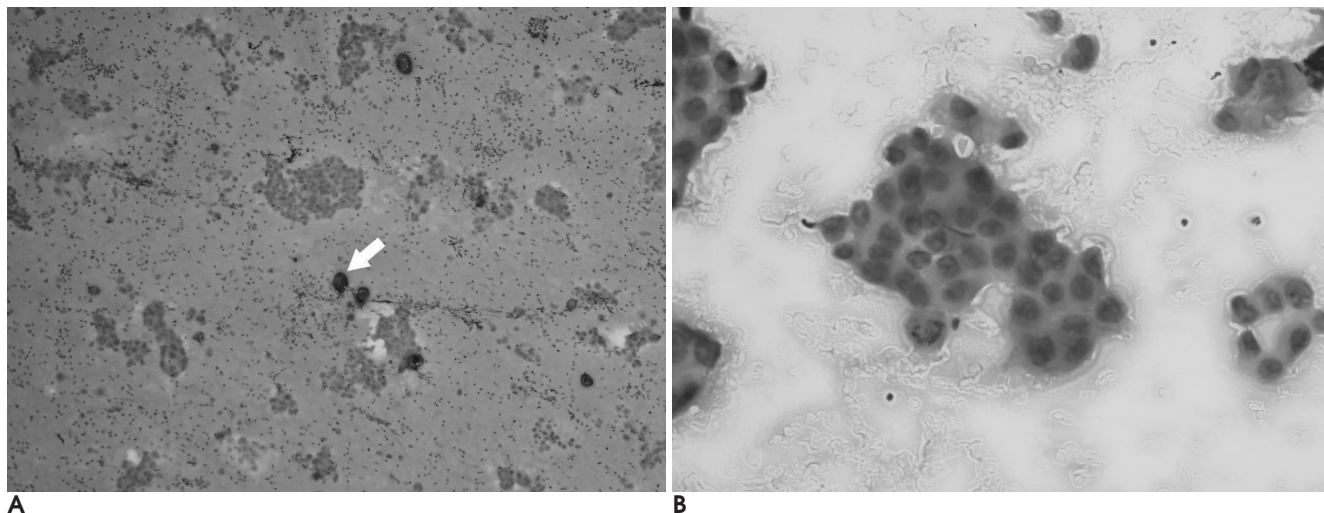
**D.** On non-contrast enhanced CT scan, thyroid shows diffuse enlargement and decreased parenchymal attenuation.

**E.** On axial view of contrast enhanced CT scan, thyroid shows inhomogeneous parenchymal enhancement and without focal nodular (or mass-like) lesion, and enlarged cervical lymph nodes show inhomogeneous enhancement.

**F.** On soft tissue setting view of a mediastinal CT scan, mildly enlarged, several mediastinal lymph nodes and increased fat attenuation of mediastinum are shown.

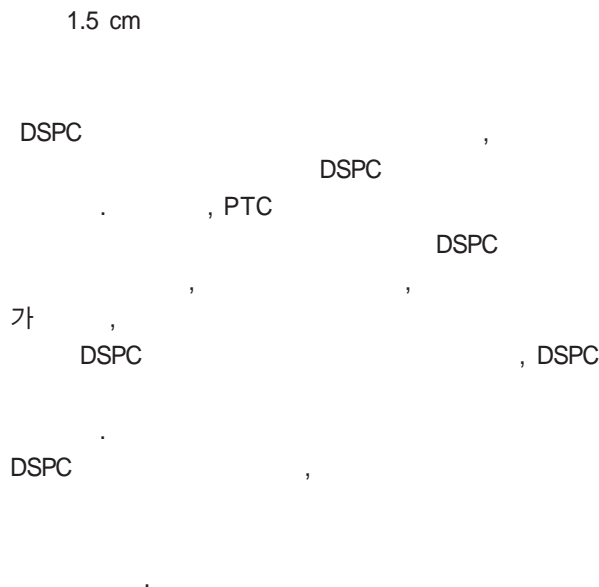


**Fig. 1. G.** On soft tissue setting view of a chest CT scan, 1.5 cm sized pulmonary nodule is observed at left lower lobe. **H, I.** Lung setting view of chest CT scan shows the smooth or some nodular thickening of peribronchial interstitia, thickened interlobular septa and fissures, and small pulmonary nodules (arrow).



**Fig. 2.** Cytologic findings from the thyroid (random aspiration biopsy from both lobes) and a right cervical lymph node. **A.** Several papillary structures and psammoma bodies (arrow) are revealed ( $\times 40$ ). **B.** The nuclear hypochromasia, intranuclear inclusions, nuclear groove and mitosis are observed ( $\times 400$ ).

가 (nuclear pseudo in - clusions), (nuclear grooves), (papillary structure) , (psammoma bodies) PTC . PTC DSPC 가 DSPC (2, 3, 6). DSPC 가 DSPC



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## Diffuse Sclerosing Variant of Papillary Thyroid Carcinoma: Case Report<sup>1</sup>

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Diffuse sclerosing papillary carcinoma (DSPC) is a variant of papillary thyroid carcinoma (PTC), but it shows more aggressive clinical course and a poorer prognosis than the other types of PTC. Most PTCs show a focal nodular pattern in the thyroid on the imaging modalities, but DSPC reveals a diffuse infiltrating configuration in the thyroid without any focal nodular lesion. To our knowledge, there are scant radiological reports of diffuse sclerosing variant of papillary thyroid carcinoma. In this report, we present the case of a patient with DSPC who showed the characteristic findings on sonography and computed tomography.

**Index words :** Thyroid, neoplasms  
Ultrasound (US)  
Computed tomography (CT)

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