

혀 및 입안바닥에 병발된 아밀로이드증 1예

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A Case of Primary Systemic Amyloidosis with the
Tongue and Mouth Floor Involvement

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-ABSTRACT-

Amyloidosis is an irreversible disease characterized by the accumulation of insoluble, fibrous amyloid proteins in the extracellular spaces of organs and tissues. Histologically, microscopic findings of pale pinkish amorphous material in Hematoxylin-Eosin stain and birefringence material with apple green color in congo red staining with polarizing are pathognomonic. Multiple organs such as liver, kidney, heart can be frequently involved in this disease, but head and neck organs are rarely involved. We report a case of primary systemic amyloidosis with the mouth floor and tongue involvement managed with conservative treatment. (J Clinical Otolaryngol 2003;14:133-136)

KEY WORDS : Amyloidosis · Mouth floor · Tongue.

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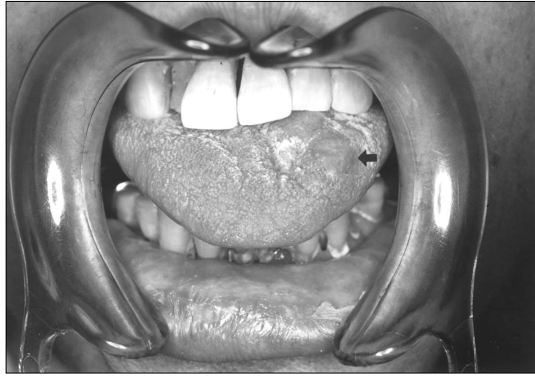


Fig. 1. Palpable reddish mass on tongue tip, left (12 × 10 mm sized, ovoid shaped, rubber consistency).



Fig. 2. Hard consistence mass on floor of mouth involving both Wharthon's duct orifice and lower frenulum (10 × 10 mm sized, wedge shaped, rubber consistency).

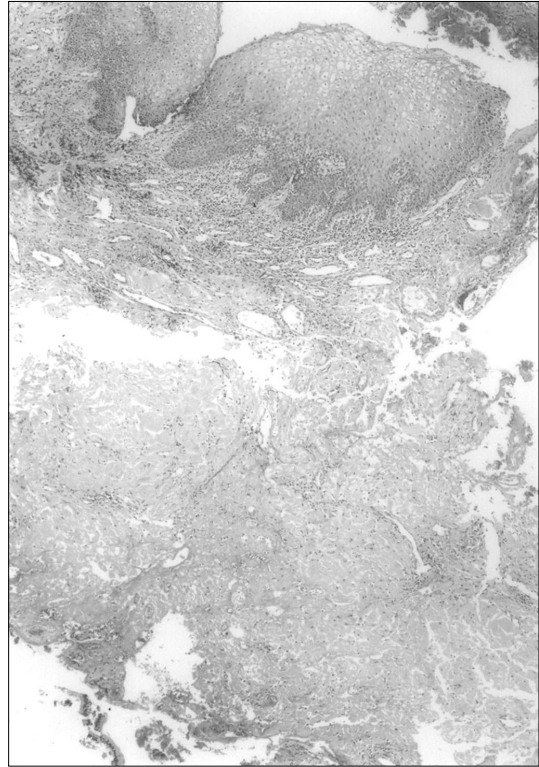


Fig. 3. Squamous epithelium and submucosal layer with mild infiltration or inflammatory cells and deposition of pale pinkish material are identified (Hematoxylin-Eosin stain, × 40).

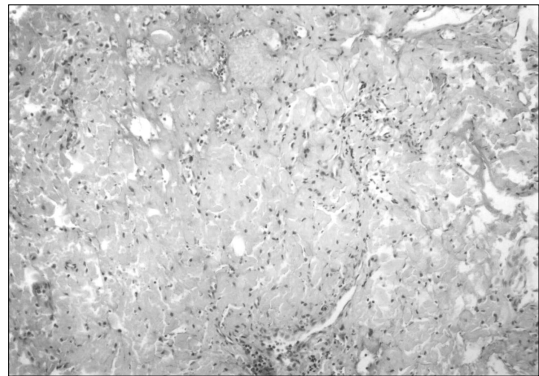


Fig. 4. Pale pinkish amorphous material in submucosal layer (Hematoxylin-Eosin stain, × 200).

가 10 mm
 가 1/3
 12 mm 가
 (Figs. 1 and 2).

가
 (Fig. 3),
 (Fig. 4), Congo -
 Red

(apple - green) (Fig. 5)

let amyloid (3)(4)

X 가 (8)

Bence - Jones () (3)

AL light chain AL , acute - phase reactant serum amyloid A protein AA , prealbumin AS , precalcitonin AE 4가 (2)(9)

PT aPTT가 가 2 , 8 , 10

AL toxylin - eosin , crystal violet . Congo red (apple - green) (2)(8) - (10)(13)

고 찰

1842 Von Rokitansky가 , 1853 Virchow가 starch - like waxy degeneration iodine yellowish - red reddish - vio-

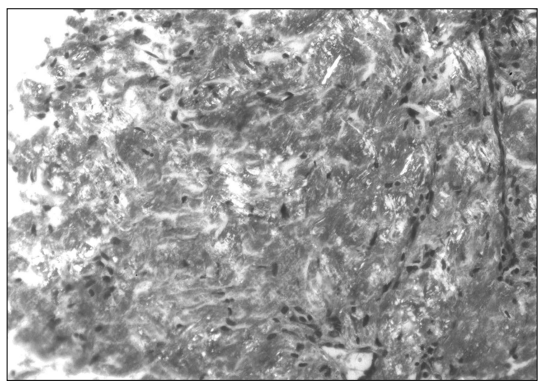


Fig. 5. Birefringence material with apple green color in congo red staining with polarizing (Congo red stain, x 200).

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중심 단어 :

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