

pepper appearance) (Fig. 1A).

McCune Albright 가 가 (Fig. 1B, C).  
 가 (1). 1 - 1.5 cm 가  
 McCune Albright TI201

/Tc99m

(adenomatous hyperplasia)

(Fig. D).

46 가 5  
 16  
 10

(renal osteodystrophy)

10.7 mg/dL ( 8.2 - 10.2  
 mg/dL), 5.5 mg/dL ( 2.5 - 4.5 mg/dL), alkaline (osteoporosis), (osteosclerosis),  
 phosphatase 3388 IU/L ( 96 - 254 IU/L), (osteomalacia),  
 3107 pg/mL ( 15 - 65 pg/mL) hydroxylase 1,25(OH)<sub>2</sub>-cholecalciferol 1 -  
 21 mg/dL, 가 가 가  
 3.85 mg/dL, 4.8 mg/dL, 5.1 mEq/L 가 가 가  
 (scout view) 가 가 가  
 (salt and 가 가 가

<sup>1</sup>가  
<sup>2</sup>가  
<sup>3</sup>가  
<sup>4</sup>가

2007 1 12

2007 4 10

(osteoclastic)

(subchondral), (subperiosteal), (cortical),  
 (trabecular), (endosteal),

(subligamentous)

가 가 ,

(2).

- (salt and pepper appearance)

ossea) (leontiasis (3-6).

(giant cell tumor), (Paget's disease)

(4).

tumor) (brown (osteitis fibrosa cystica)

(3-5), 1

가 (6).

가

2-3%

McCune Albright

가

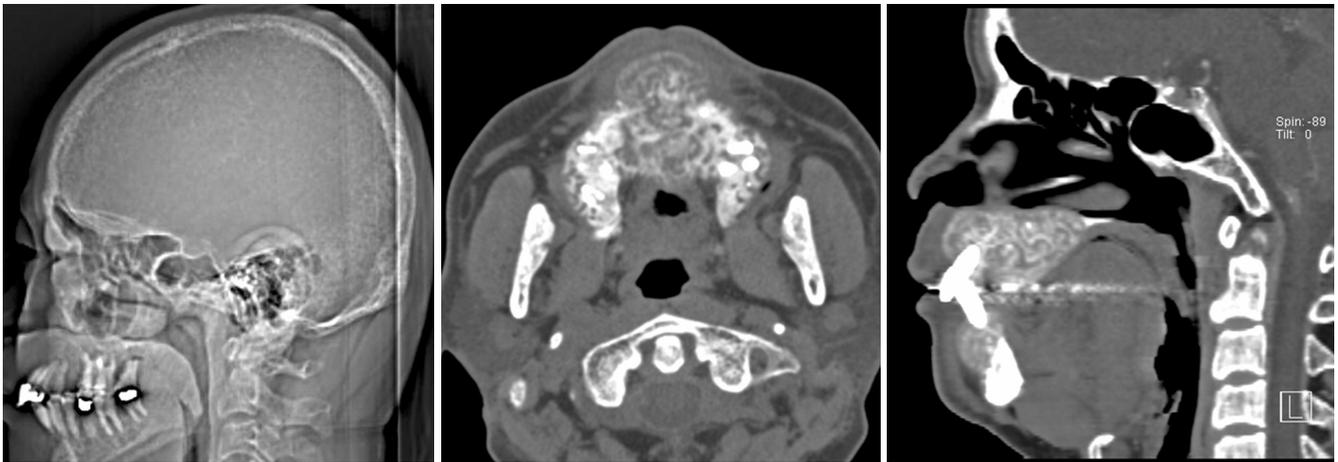
가

(Cushing's syndrome)

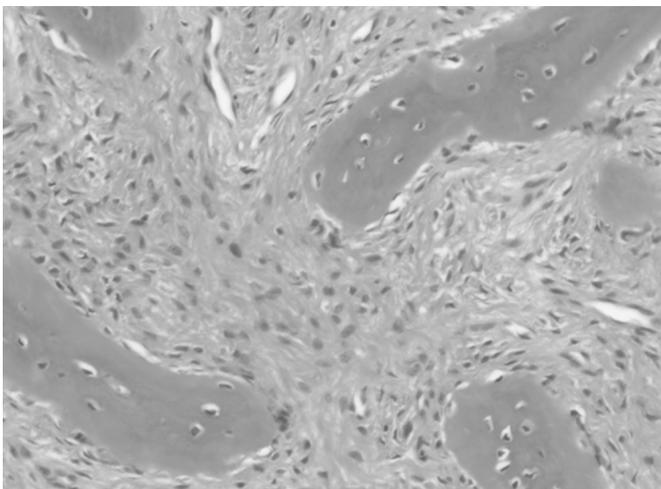
(1).

Fraser (7) McCune Albright

(parathyroid hormone related protein)



A B C



D

**Fig. 1.** Fibrous dysplasia of the jaws associated with secondary hyperparathyroidism in a 46-year-old man  
**A.** Lateral CT scout scan shows loss of distinction between the inner and outer tables of the calvaria with a salt-and-pepper appearance.  
**B, C.** Axial (**B**) and sagittal (**C**) CT scan displayed in bone window show expansile remodeling, cortical thinning lesion containing numerous unorganized bone trabeculae within the maxilla and mandible.  
**D.** Photomicrography reveals characteristic metaplastic bone formation with no osteoblastic rimming and a proliferation of fibroblast, consistent with fibrous dysplasia (Hematoxylin-eosin stain,  $\times 100$ ).

Albright  
(8, 9).  
(bone - forming surface)  
(osteoblastic activity)  
(10).

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## Fibrous Dysplasia of the Jaws Associated with Secondary Hyperparathyroidism: A Case Report<sup>1</sup>

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There have been few reports on fibrous dysplasia associated with secondary hyperparathyroidism. We report a case of a hemodialysis patient with secondary hyperparathyroidism concomitant with fibrous dysplasia of the jaws causing an abnormal facial deformity.

**Index words :** Parathyroid, hyperparathyroidism  
Jaws

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