

Tc99m 방사성 동위원소 검사에서 열결절을 보이지 않는 양측성 Warthin씨 종양 1예

박문규 · 권순영 · 김영선 · 유흥균

A Case of Bilateral Warthin's Tumor without Accumulation of Technetium 99m Pertechnetate

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– ABSTRACT –

Warthin's tumor is common benign tumor of the parotid gland. This tumor is well encapsulated, different from pleomorphic adenoma which has pseudopods, and easily cured by simple tumor excision. Because Warthin's tumor is composed of oncocytes, it generally accumulates of technetium 99m (Tc-99m) pertechnetate in a radionuclide scan. Scintigraphy with 99mTc-pertechnetate is used for the differential diagnosis. But authors have recently experienced a case of no visible hot accumulation of 99mTc-pertechnetate in a 67-year-old man with multicentric and bilateral Warthin's tumor. (*J Clinical Otolaryngol* 2001;12:125-128)

KEY WORDS : Parotid gland · Warthin's tumor · Cold nodule.

서론
가
Warthin
가⁵⁾ Warthin
가
가⁶⁾ Warthin
(oncocyte)
Tc99m pertechnetate
가 Tc99m per -
technetate
Warthin
가¹⁾²⁾⁷⁾⁸⁾
67 Tc99m
pertechnetate
Warthin 1

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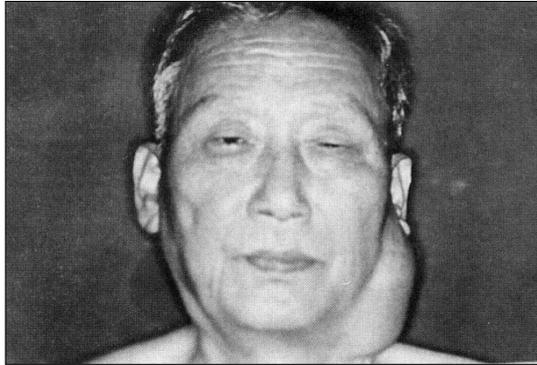


Fig. 1. The left mass is about 9 × 7 × 6 cm and have smooth, rubbery-hard and tenderness nature. The right mass is about 3 × 4 × 2 cm and have movable, smooth, and non-tenderness nature.



Fig. 3. Increased uptake on soft mass lesion on left neck portion and thyroid gland portion are noted.



Fig. 2. About 6 cm sized solid mass in left parotid gland and 2 cm sized solid mass in right parotid gland are seen.

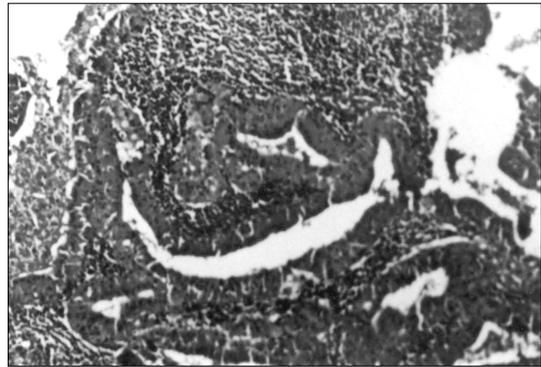


Fig. 4. Lymphoid stroma and double layered epithelium (H-E stain × 200).

증 례

67 가 12
 1
 . 2 가
 가 2 가
 2 가
 가 9 × 7 × 6 cm
 가 ,
 3 × 4 × 2 cm 가
 (Fig. 1).

6 cm
 2 cm

(Fig. 2). Tc99m pertechnetate

(Fig. 3). 1999 6 1
 8
 3 8 ×

7 × 6 cm
 2 cm 1.5 cm
 (Fig. 4).

고 찰
 Warthin
 9)10) 10%
 2-4)11)12)
 Warthin 가
 (capsule) 가
 2)13) 가
 (oncocyte)
 13)
 가 War -
 thin 가 가 2)8)
 Warthin Tc99m
 pertechnetate
 가 가 1)2)7)8)
 Warthin
 (oncocytes)가
 pertechnetate
 (ductal lumen) , Warthin
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 14)15)
 Tc99m pertechnetate

: Warthin
 Warthin
 Gates¹⁷⁾ 30%(3/10), Schmitt¹⁸⁾ 31%(8/26),
 Yamashita¹⁹⁾ 23.8%(3/13), Haraguchi¹⁶⁾
 31%(8/26),¹⁶⁻¹⁹⁾
 1)

Warthin
 Warthin Tc99m
 pertechnetate
 가
 중심 단어 : Warthin

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