



(apocrine carcinoma) 0.4%

,
가
가

1

(apocrine carcinoma) (juvenile) (pleomorphic) (desmoplastic)

1981 Haagensen (1) carcinoma) (1) (1) (Fig. 2 가 , p53, c-erb B2 2

0.4(2) - 60%(1) .21 2 가 (Fig. 2

, T1N1M0 2A .

42 가 1 11

42 1 0.4(2) - 60%(1)

가 가 Azzopardi (2) , Haagensen

1.4 cm 가 (1) 가 (granule)

가 가 Haagensen

(echogenic halo)가 (1) (metaplasia)

(Doppler) 8 11 가 50% (3).

(frozen) Onoue (4) 가

American Cancer Society and the College of American Pathologists

(5).

1
2
3

가 1.3 2 가 (6). 가
 (premalignant) 42 가
 가 가
 (6).
 가 . Kopans Gilles (7, 9) . Kopans
 Gilles (7) (9)
 가
 . Takeuchi (8) 1.6%
 , . Gilles (7) 가
 . 80% Kopans
 가

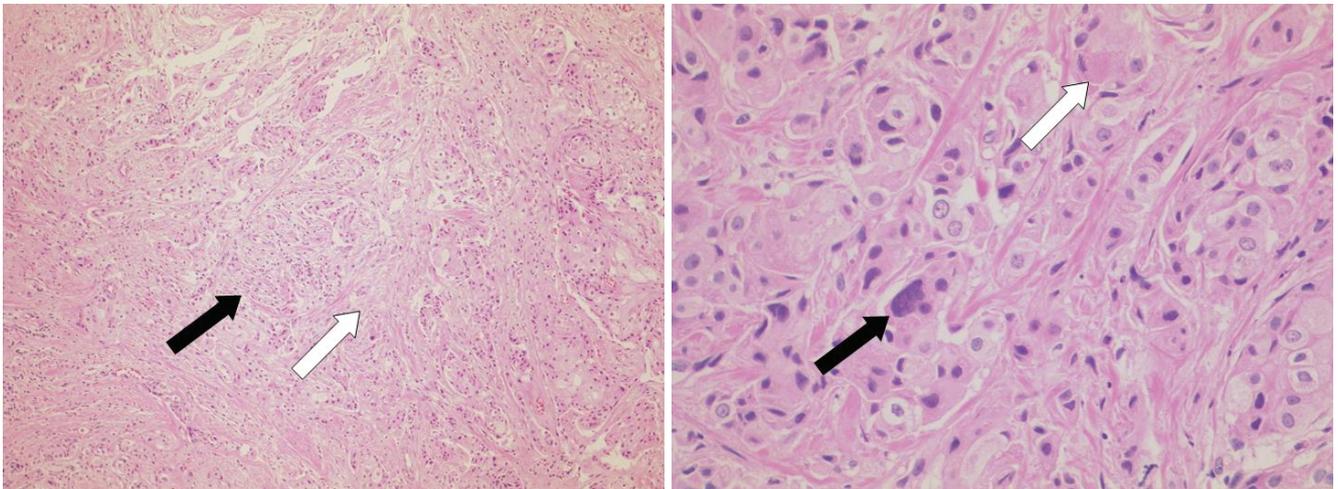
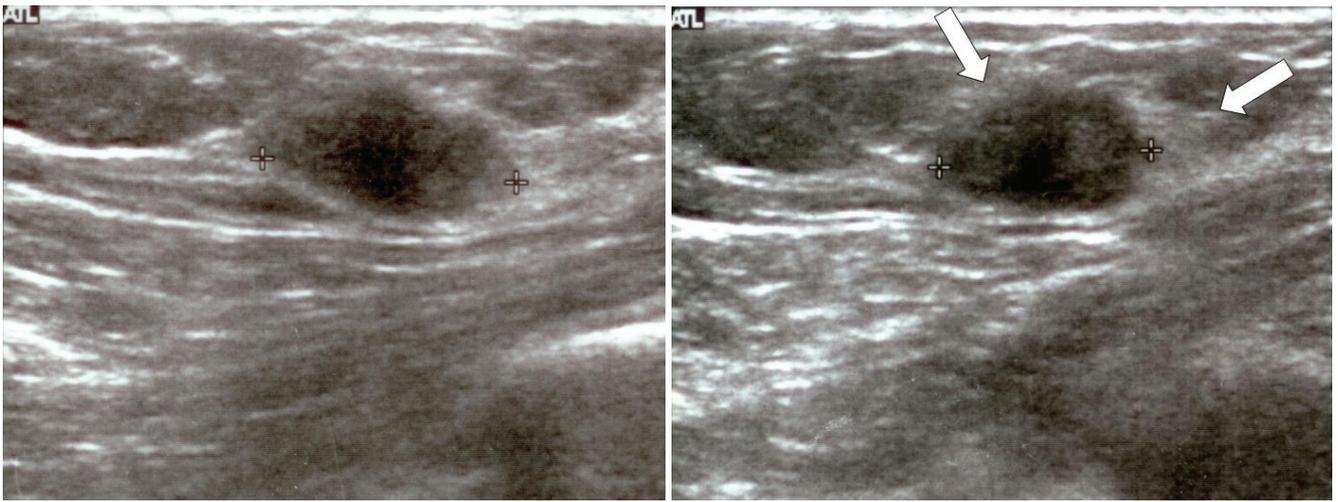


Fig. 1. A 42 year-old woman with a palpable mass in 2 hour of the left breast.
A, B. Transverse and longitudinal sonograms show oval, microlobulated, parallel and heterogeneous hypoechoic mass with echogenic halo (white arrow). The center of the mass is markedly hypoechoic feature and periphery of the mass is mixture of hyperechoic and hypoechoic features.
C. Microscopically, nests of invasive apocrine carcinoma (black arrow) with surrounding desmoplastic reaction (white arrow) (H & E, × 100).
D. Tumor cells show pleomorphic nuclei (black arrow) and abundant eosinophilic cytoplasm (white arrow) (H & E, × 400).

Onoue (4) 60
 가 2
 2
 가 .

(projection)가

(10)

가
 (desmoplatic)

가 .

가 .

가

가

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Apocrine Carcinoma of the Breast: A Case Report¹

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Apocrine carcinoma is a rare breast cancer and its frequency is about 0.4% of all breast cancers. Little is known about its clinical behavior and prognosis. To our knowledge, few studies have reported the radiologic appearances of apocrine carcinoma in the breast and there has been no such report from Korea. We describe the sonographic findings of a case of apocrine carcinoma in the breast. The sonographic findings are microlobulated heterogeneous hypoechoic lesion that has a central markedly hypoechoic portion and a peripheral mixture of iso and hypoechogenicity.

Index words : Breast
Carcinoma
Ultrasonography
Apocrine glands

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