



가 .

28

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(dermatofibrosarcoma protuberans, (Fig. 1C, D).

DFSP) 1924 , 가 ,

Darier Ferrand , 1925 가 (Fig.

Hoffmann “dermatofibrosarcoma protuberans” 1D).

(1). DFSP ,

(2).

DFSP 1

5 × 4 cm 가 (Fig. 2A).

28 가 5 (storiform)

가 가 DFSP (Fig. 2B, C),

가 , (mitotic

가 activity) 7 - 8/10HPF CD34

5 cm , 7

가

(Fig. 1A, B).

10 , 5 cm 5 × 3.6

× 2.4 cm 가

DFSP

(3). 10 40 27 DFSP 1 5

(7), DFSP Fukushima (7)

가 DFSP

, De Wilde (5) 71

DFSP , Green , Karcnik (9) 가 가

(6) (smallpox) DFSP 가 가

(redness) , Valli (8)

DFSP 가 Fukushima (7) 5 가

3 1 (Fig. 1D)

, Valli (8)

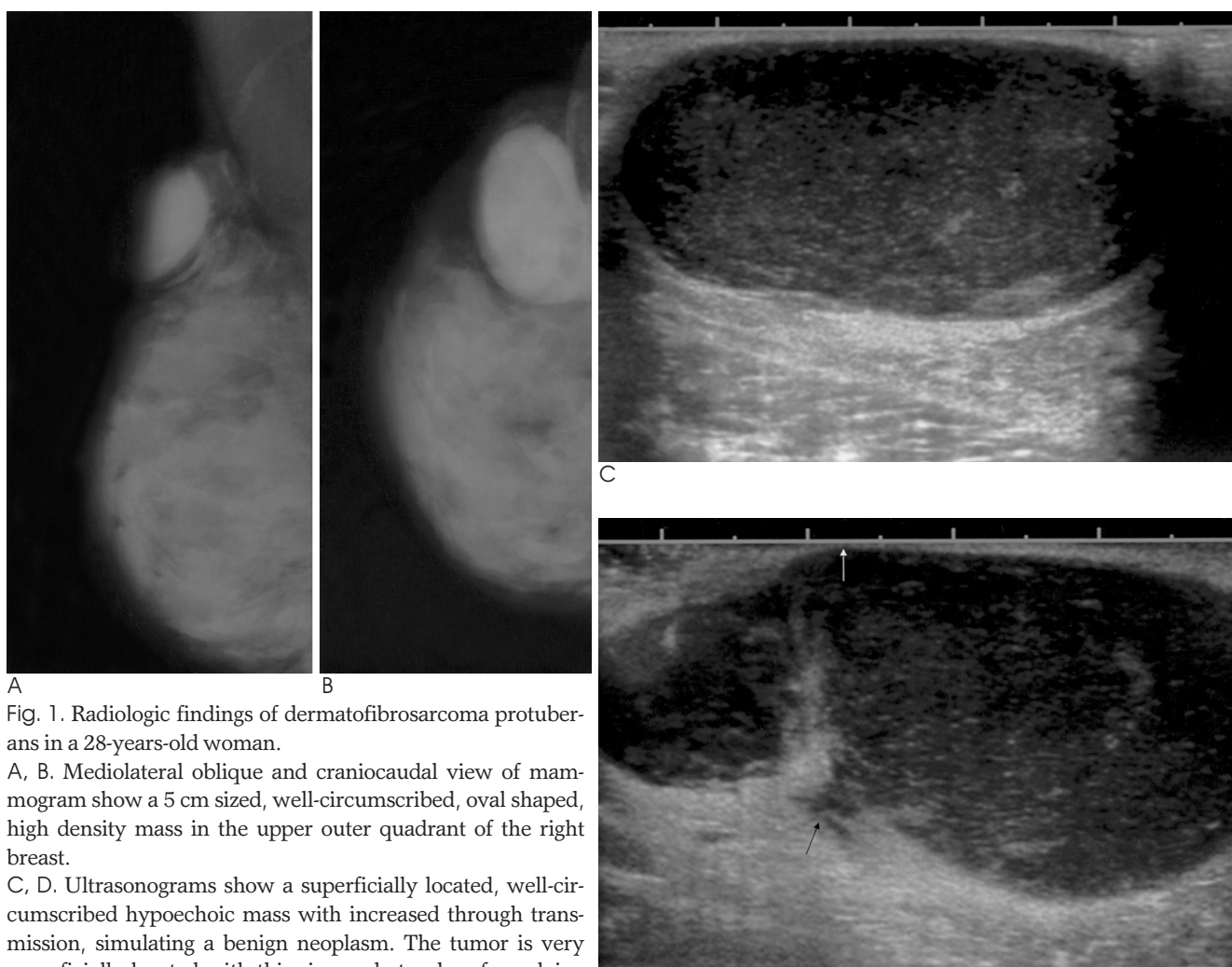


Fig. 1. Radiologic findings of dermatofibrosarcoma protuberans in a 28-years-old woman.  
A, B. Mediolateral oblique and craniocaudal view of mammogram show a 5 cm sized, well-circumscribed, oval shaped, high density mass in the upper outer quadrant of the right breast.  
C, D. Ultrasonograms show a superficially located, well-circumscribed hypoechoic mass with increased through transmission, simulating a benign neoplasm. The tumor is very superficially located with thinning and atrophy of overlying skin (white arrow). There is gentle lobulation and partially irregular margin (black arrow) at lower aspect of the tumor.

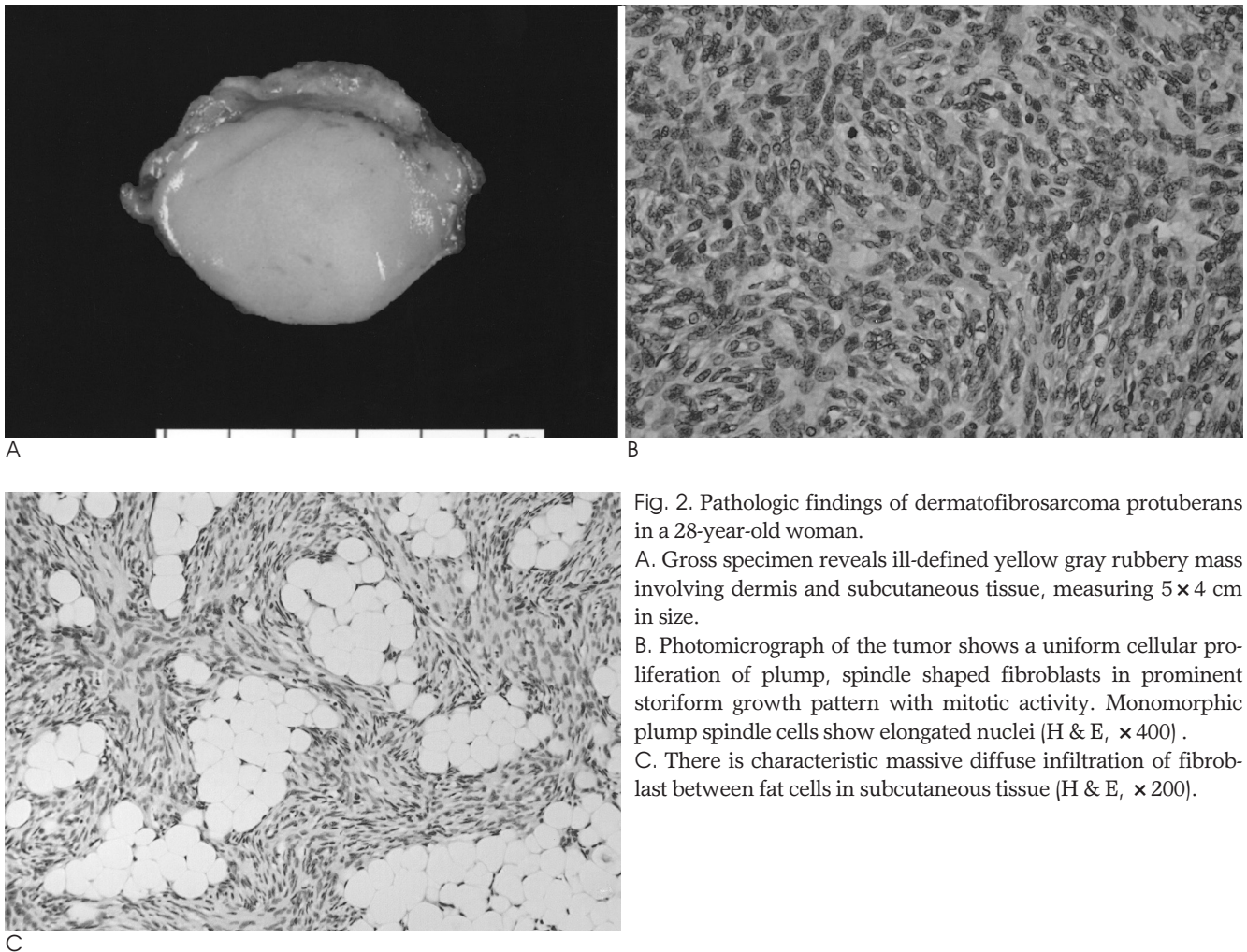


Fig. 2. Pathologic findings of dermatofibrosarcoma protuberans in a 28-year-old woman.

A. Gross specimen reveals ill-defined yellow gray rubbery mass involving dermis and subcutaneous tissue, measuring 5 × 4 cm in size.

B. Photomicrograph of the tumor shows a uniform cellular proliferation of plump, spindle shaped fibroblasts in prominent storiform growth pattern with mitotic activity. Monomorphic plump spindle cells show elongated nuclei (H & E, × 400) .

C. There is characteristic massive diffuse infiltration of fibroblast between fat cells in subcutaneous tissue (H & E, × 200).

#### DFSP

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(10), Zee (4)

(14),

(storiform)

(4, 10),

(4).

DFSP

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,

(7). CD34

(immunore -

activity)

가 (4, 8).

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## Dermatofibrosarcoma Protuberance of the Breast: Case Report<sup>1</sup>

Doo Kyung Kang, M.D., Yong Sik Jung, M.D.<sup>2</sup>, Hyunee Yim, M.D.<sup>3</sup>

<sup>1</sup>Department of Diagnostic Radiology, Ajou University, College of Medicine

<sup>2</sup>Department of General surgery, Ajou University, College of Medicine

<sup>3</sup>Department of Pathology, Ajou University, College of Medicine

Dermatofibrosarcoma protuberans is a rare cutaneous soft tissue neoplasm with the potential for intermediate malignancy, and is characterized by local invasion and recurrence. It can occur at almost any site, but usually arises in the trunk and extremities. Dermatofibrosarcoma protuberans mimicking a primary breast lesion has not previously been reported in Korea. We report on the case of a 28-year-old female patient with dermatofibrosarcoma protuberans on one of her breasts, which is a very unusual site.

**Index words :** Dermatofibrosarcoma protuberans  
Breast  
Spindle cell neoplasm

Address reprint requests to : Doo Kyung Kang, M.D., Department of Diagnostic Radiology, Ajou University College of Medicine, San 5, Woncheon-dong, Paldal-gu, Suwon, Kyonggi-do 442-749, South Korea.  
Tel. 82-31-219-5863 Fax. 82-31-219-5862 E-mail: kdklsm@ajou.ac.kr