



30% (1, 2). 가 (3-5). (rectus abdominis muscle), (deltoid muscle), (psoas muscle), (intercostal muscle) 가 (2, 6). 가 (7, 8). (Fig. 2A, B). 11

72 가 3 16 (Right hemicolectomy) 가 (Fig. 1). 4x4cm 가

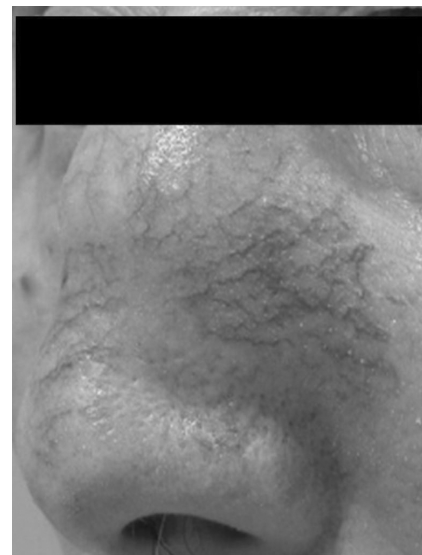


Fig. 1. A bulging mass with reddish discoloration and ecchymosis is seen to the nose.



A



B

Fig. 2. CT of the metastatic renal cell carcinoma

A, B. Axial PNS CT shows two well-defined and strong enhancing mass (white arrows) with central necrosis (black arrow) in nose and left zygoma body. It extends into the left maxillary sinus and orbit with adjacent bone destruction. Several dilated vessels are seen in the skin.

C, D. Chest CT shows two highly enhanced mass in right erector spinae and left intercostal muscle (black arrows). Several pleural metastasis and bilateral pleural effusion are seen.

E. Chest CT reveals a strong enhancing mass in skin and subcutaneous tissue of back (black arrows). Several enlarged mediastinal lymph nodes with high enhancement are seen.

F. Abdominopelvic CT demonstrate a 8.5 × 6.9 cm heterogeneous enhancing mass with internal necrosis in right kidney (black arrows).



C



D



E



F

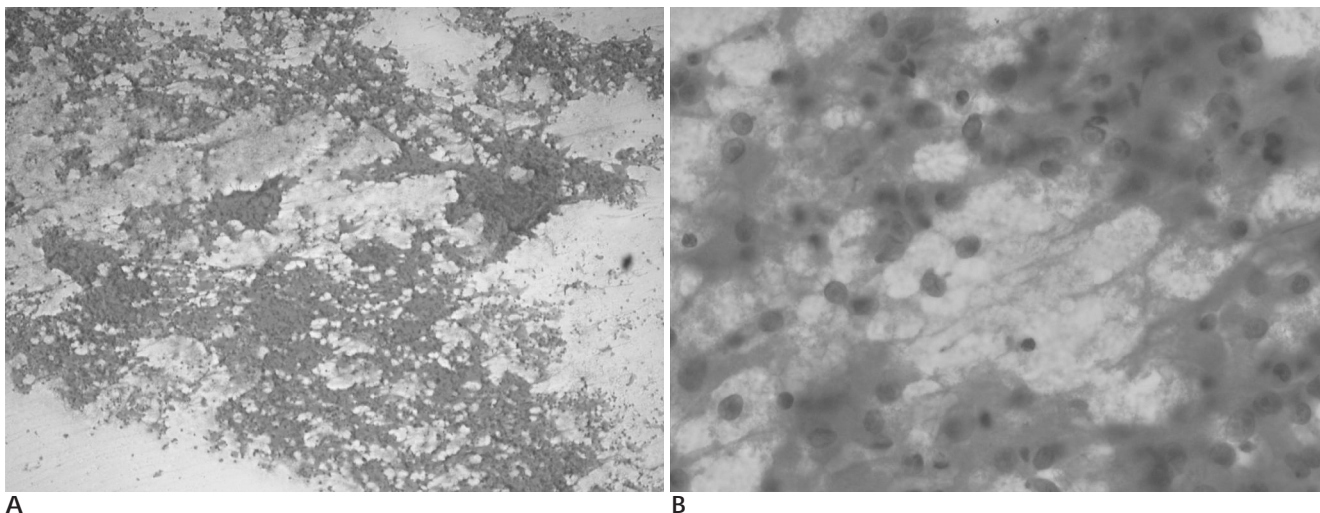


Fig. 3 Pathology of the metastatic renal cell carcinoma

A. Cellular sheets or syncytial cellular clusters of epithelial cell are seen in hemorrhagic background (H & E, $\times 40$).

B. Higher power view exhibits tubules or sheets of uniform round cells with abundant clear cytoplasm and occasional prominent nucleoli in necrotic background (H & E, $\times 400$).

3 4 4 , , (3 - 5).
가 50% .
(Fig. 2C - E). ,
8.5 \times 6.9 cm 가 (2, 6,
가 9). , , , ,
(Fig. 2F). 가 (9).
(rectus abdominis muscle),
(Fig. (deltoid muscle), (psoas muscle), (intercostal
3A, B) muscle) (2, 6).
, ,
(7).
가 , , 3.4% 가
30% , , , , 가
(1, 2). (7). 가
(3 - 5). 가 (7, 8).
(Sinonasal cavity), 가 가 가
(3). , 가 가
가 (3, 4). 가
(2, 5). 가
Batson`s plexus .
(3 - 5).

가

(4, 5).

가

가

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Metastatic Renal Cell Carcinoma to Unusual Locations: A Case Report¹

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Renal cell carcinoma is a tumor that commonly occurs with distant metastases and typically metastasizes to the following distant sites, listed in order of descending frequency: the lung and mediastinum, bone, liver, contralateral kidney or adrenal gland, and brain. However, metastases to the face, skin, and skeletal muscle are extremely rare. We report here a case of a metastatic renal cell carcinoma involving the face, skeletal muscles and skin simultaneously.

Index words : Kidney neoplasms
Neoplasm metastasis
Nose neoplasms
Muscles
Skin

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