

은 세포질이 소실되는 소견을 보였다. 핵인은 크고 뚜렷하며 한개 또는 두개 이상도 관찰되었다. 뚜렷한 편평상피세포암이나 선암으로의 분화를 보이지 않아 전이성 미분화암으로 진단되었고, 절제생검을 시행한 결과 전이성 미분화암으로 확진되었으며 원발부위는 좌측 편도선이었다.

14. Fine Needle Aspiration Cytology of Malignant Fibrous histiocytoma - A case report -

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Malignant fibrous histiocytoma (MFH) is the most common soft tissue sarcoma in adults. It commonly involves the deep soft tissue and only occasionally arises in superficial soft tissue. MFH is composed of fibroblast-like and histiocyte-like cells in various proportions. The ultrastructural features suggest that the neoplasm possibly originates in undifferentiated mesenchymal cells.

We experienced a case of pleomorphic-storiform variant of MFH diagnosed by fine needle aspiration. The patient was 31-year-old women who complained an ill-defined palpable nontender mass in the abdominal wall for 7 years. The FNA of the mass demonstrated hypercellular smears composed of highly pleomorphic tumor giant cells and spindle cells occurred singly or in loose aggregates. The pleomorphic cells have mono or multinuclei with marked indentation, occasional cytoplasmic invagination, coarse chromatin and one or more prominent nucleoli. The cytoplasm is abundant and contains greenish brown pigment granules which were strongly reacted with iron. The spindle cells are arranged in parallel bundles and have spindle-shaped nuclei with evenly dispersed fine chromatin granules. Also a few lymphoplasma and mast cells are scattered in a necrotic background. Cytologic impression was compatible with MFH and soon excision of the mass was followed. The mass was attached to the overlying skin and measured 2x1. 5x1cm. It was lobulated brown, solid and firm. Histopathologically the tumor was composed of spindle cells in storiform pattern and plump bizarre giant cells arranged haphazardly, accompanied by modest infiltrates of lymphoplasma and mast cells. The giant cells showed identical features as seen in the cytologic smear. The tumor was confined to the dermis and subcutaneous tissue.

Immunohistochemical stains revealed diffuse positivity for vimentin and focal positivity for lysozyme.