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A case of metastatic lung cancer in scalp mimicking variant sarcoma

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Skin metastasis is a rare clinical entity that has been reported to occur in 0.22%~12% of patients with lung cancer. Besides, skin metastasis as the initial and sole manifestation of an underlying lung cancer is an extremely rare occurrence. We report a case of a 70-year-old man presenting solitary indurated scar-like nodule on his scalp. He found the lesion three months ago and underwent biopsy at another hospital. After that, he was referred to our hospital because of the suspicion of dermatofibrosarcoma protuberance as a result of biopsy. He did not complain of any other symptoms, and there were no other skin lesions. We performed additional punch biopsy in our hospital and eccrine adenocarcinoma was found in our biopsy results. So, we did excisional biopsy for confirmative diagnosis. However, histopathologic findings using special staining (thyroid transcription factor-1, napsin) showed a lung-derived metastatic adenocarcinoma. His condition was confirmed with multiple metastases after systemic examinations including chest computed tomography. Herein, we report a rare case of scalp nodule as an initial presentation of metastatic lung adenocarcinoma.

Biography

Jung Yup Kim is a Resident in Kangbuk Samsung Hospital.

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