Primary Metastatic Leiomyosarcoma of the Fallopian Tube: A Rare Case Report

Abstract:
Background: Leiomyosarcoma of the fallopian tube is an extremely unusual gynecologic neoplasm. Since 1886, only 19 of about 35 sarcomas of the fallopian tube have been identified as leiomyosarcomas. As such, clinical diagnosis and therapy management are difficult. Case Report: We report on the case of a 59-year-old woman with leiomyosarcoma of the fallopian tube and liver metastases at the time of diagnosis. After initial tumor debulk-in, she received palliative chemotherapy with gemcitabine 900 mg/m2 (d1+8) and docetaxel 100 mg/m2 (d8) (q21). For additional bone metastases, she started local radiation plus bisphosphonates (q28). After 2 cycles of chemotherapy, the disease progressed, and the patient died within 8 months of diagnosis. A review of the literature is given. Conclusions: Primary metastatic leiomyosarcoma of the fallopian tube is a progressive disease with limited therapy options. For better prognostic evaluation and disease management in such rare cases, it is important to report and compare more cases regarding course of disease and outcome.

Stichworte:
Leiomyosarcoma; Fallopian tube carcinoma; Gynecologic cancer; Histology; Therapy options

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