

RARE CASE OF CARCINOSARCOMA OF THE RIGHT LUNG

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Abstract

Carcinosarcoma is a rare malignant tumor, which consists of a combination of epithelial and mesenchymal components, containing low differentiated cells. Its prevalence ranges from 0.1 to 4.7 % of all malignant lung lesions. This rare oncological condition has poor prognosis, because more than a third of such tumors have already gone beyond the limits of the primary localization at the time of the diagnosis. The diagnosis of carcinosarcoma is based on morphological characteristics and immunohistochemical test of tumor tissue. The main method of treating the disease is a radical resection in the absence of metastases. The role adjuvant chemotherapy remains unclear due to low number of cases.

The presented clinical case of rare malignancy — the carcinosarcoma of the right lung. Before hospitalization to the Institute clinic the patient was examined and treated locally with the diagnosis of systemic vasculitis until the tumor of the right lung had been revealed. Upon hospitalization the patient was examined with a number of clinical, instrumental and laboratory tests, which helped to detect the malignant fibrotic hystiocytoma, complicated by purulent paracancerous inflammation. It was decided to conduct right-sided pneumonectomy with mediastinal lymph node dissection. Pathohistological and immunohistochemical conclusion: a two-component complex histological structure of the lung tumor (carcinosarcoma) represented by malignant fibrous hystiocytoma with areas of squamous cell carcinoma enlargement, complicated by purulent inflammation. Postoperative period was uncomplicated. The patient was referred to an oncologist for the follow-up treatment.

Key words: carcinosarcoma, immunohistochemical test, pneumonectomy.

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