

Strategia leczenia skojarzonego chorych na nowotwory zatok przynosowych

Strategy of combined treatment in patient with cancer of paranasal sinuses

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Summary

Cancers of paranasal sinuses are rare neoplasms in humans. In 2003, in Poland there were 132 new patients diagnosed for this disease. Squamous cell cancer is the most frequent one in this region. Other types of cancer in this region are adeno-carcinoma (about 30%), carcinoma adenoides cysticum or neoplasms such as rhabdosarcoma, chondrosarcoma, lymphoma or melanoma malignum. There is a very rare neoplasm as a olfactory neuroblastoma in this localization. Cancer of the paranasal sinuses infiltrates only locoregionally. Metastases to the lymph nodes are seldom - below 30%; this is why elective lymphangiectomy or irradiation are not obligatory treatment in this case. The most important is histopathological verification performed by biopsy. For clinical staging it is obligatory to perform endoscopy, CT or MR examination. The treatment of cancers of paranasal sinuses is always surgery with adjuvant irradiation. The modern radiotherapy techniques provide the possibility to spare healthy tissues and organs at risk. The organs at risk in this localization are optical nerves and chiasm, and parotid glands. The conformal radiotherapy is used most frequently. In case of the tumour being of complex shape and located in the vicinity of the organs at risk the IMRT technique is used. The radiation treatment combined with chemotherapy is applied in cases of not radical surgery in the region of ethmoides sinuses.