

Obraz epidemiologiczny i kliniczny czerniaka złośliwego jam nosa i zatok przynosowych - analiza 6 przypadków

The epidemiology and clinical characteristics of malignant melanoma localized in nasal cavity and paranasal sinuses - analysis of 6 cases

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Summary

Introduction. The mucosal malignant melanoma (MM), represent a rare group of tumors (0,2%-8% of all MM), with predominant localization on the mucosal surface of head and neck region, where the localization on the mucosa of nasal cavity, paranasal sinuses and oral cavity are the most common. The mucosal MM within the nose and paranasal sinuses represent approximately 4% of all malignant tumors in these localizations, affecting predominantly the age group over 60-es, equally in both sexes. The treatment of choice in mucosal MM is surgery followed by Rtg-therapy in cases of small or doubtful margins of resection. The prognosis of mucosal MM is poor with 8% to 30% of 5-years survival. **Materials and methods.** 6 cases of mucosal MM, selected from 72 of all MM in the head and neck region, diagnosed and treated from 2001 to 2007 in Dept. of ORL H&N Surgery, Holy Cross Cancer Center in Kielce. **Results.** In group of mucosal MM which was taken to analysis there was 5 female and 1 male patient, with range of age from 55 to 80 (mean - 69,4) with following localization: nasal septum - 2 cases; lateral wall of nasal cavity - 2; and paranasal sinuses - 2. In 1 case an extremely rare pathologic form of amelanotic MM was diagnosed. The surgical resection of tumor followed by Rtg-therapy was performer in 4 cases. In 1 case, the radical surgery was the only method of treatment, and in 1 case the palliative Rtg-therapy was only applied. Within the observation period (4-96 months) 3 patients died, all due to the fatal progression of the MM. **Conclusions.** 1. Mucosal MM localized in the nasal cavity and paranasal sinuses, present a very rare, but highly diversifi ed group of malignant tumors. 2. The surgery, followed by Rtg-therapy is still the treatment method of choice. 3. The prognosis of mucosal MM in the nose and paranasal sinuses is bad.