

# Ekspresja cząstek adhezyjnych, wskaźników angiogenezy i produktów białkowych genów supresorowych w nowotworach jamy ustnej i zatok szczękowych

Expression of adhesive molecules, angiogenesis markers and protein products of suppressor genes in neoplasms of oral cavity and maxillary sinus

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## Summary

**Introduction:** Adhesion molecules, angiogenesis markers and protein products of suppressor genes are potential prognostic indicators in different type of tumours. The purpose of this study was to analyze relations between expression of these markers and clinical as well as histological features of oral cavity and maxillary sinus tumours. **Material and methods:** Measurements of expression of CD44, TP53, Nm23 oncoproteins and angiogenesis markers were performed. Forty-three patients treated in years 1985—2000 in the Department of Maxillofacial Surgery of the University Hospital in Wrocław entered our study. Thirty-two of them were treated for oral cavity cancers. Remaining eleven patients were treated for maxillary sinus cancers. **Results:** We have shown, there was a positive correlation between the number of the vessels and presence of the nodal metastases; between histological grading and VCAM expression; between CD44 expression and total surface area of the blood vessels. There was also correlation between total surface area of the blood vessels and patients' survival time.