



SKIN CANCER (OTHER THAN MELANOMA)

PILOMATRIXOMA IN ADULT: CASE REPORT

M Dinic⁽¹⁾ - I Ilijin⁽¹⁾ - L Kandolf Sekulovic⁽¹⁾

Military Medical Academy, Dermatology And Venereology, Belgrade, Serbia⁽¹⁾

Background: Pilomatrixoma is a benign and rare tumor of the hair follicle originating from the matrix cells, which is most commonly reported in children and youngsters on the head and neck, with mild female predominance, whereas in the older population, pilomatrix carcinoma with potential metastases, most often in the lungs.

Observation: We present the case of pilomatrixoma in a 68 year old man with an intermediate histopathological image between a clearly benign and clearly malignant tumor. One year before the hospitalization, a livid nodular change appeared in the skin of the right upper arm, 2 cm in diameter, which began to bleed after a mechanical injury. The change is surgically completely excised with wide margins. Histopathological examination was verified by proliferative / aggressive pilomatrix-infiltrated in hypoderm, with increased mitotic activity, but without atypical forms, while atypie was of low grade. There were normal findings on the chest radiography and ultrasound examination of peripheral lymph nodes and abdomen.

Key message: Tumors of such microscopic characteristics and size in middle-aged elderly patients belong to an intermediate group between clearly benign and clearly malignant pilomatrixomas, which is qualified by frequency of mitoses and infiltrations in the hypoderm. The therapy involves a wide excision (with margins of 2-3 cm), with mandatory searches (X-ray, MDCT, ultrasound) for the eventual detection of metastases.

