

**PP-148****A case of hemangioma of frontal bone in a female-teenager**

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Introduction: The hemangiomas of bone are very rare entity accounting less than 1% of all bone tumours.

Methods: We present an unusual case of hemangioma of the frontal bone in 15 y.o. female-teenager. The specimen was examined grossly, cut, decalcified and fixed in 10% formalin. Then material was embedded in paraffin, stained with haematoxylin and eosin and examined histologically. Immunohistochemical evaluation was performed with CD31, CD34, Podoplanin and Ki-67 antibodies.

Results: Approximately 1 year ago before hospitalization the complaints of headache and swelling in the frontal area were appear. Radiographically (x-ray and CT investigation) well-defined tumour of frontal bone was found, 38x13x26 mm in size. The lesion was permeate to the left camera of the frontal sinus. The surgery was performed (complete resection with autograft). Grossly the tumour looks like poorly defined tuberosity of the frontal bone, whitish-gray in color with small dark patches. On the serial gross sections the tumour was well-circumscribed, lobulated and cherry in color. Histologically the tumour is consist of the multiple different sized blood vessels between the bony trabeculae. The vessels lined by flat endothelial cells which positive for CD31 and CD34 by immunostaining. Podoplanin was negative. Proliferative activity (Ki-67) was very low.

Conclusion: We described a rare case of hemangioma of the frontal bone in 15 y.o. female-teenager. It should be differentiated with fibrous dysplasia and other benign fibro-osseous lesions occurring in this location.