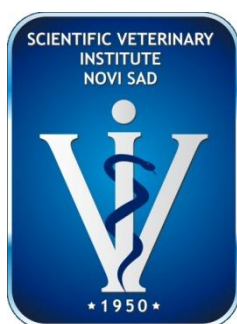


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INSTITUTE OF VETERINARY MEDICINE OF SERBIA

*„One Health – New Challenges“*  
**First International Symposium of  
Veterinary Medicine  
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# BOOK OF ABSTRACTS



**Hotel "Premier Aqua" - Vrdnik  
May 21 – 23, 2015**

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## DERMAL FIBROMATOSIS OF THE ROE DEER - CASE REPORT

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### Summary

Transmissible viral tumors are relatively rare in ungulates, a benign skin papillomas are the most common. In the roe deer is described benign solitary or multiple dermal tumours, fibroma or fibropapiloma proven viral etiology. Although rare, cases of fibromatosis in roe deer were registered in Austria, Hungary, Serbia, in one case, and here we describe our first case.

Roe deer aged about 10 years shot in the hunting territory of Srpska Crnja. On the last leg there was a conglomerate of 11 closes but separated skin tumors diameter of 0.5 to 10 cm, skin without the coat, which are protrude above the level of the skin and large tumours are pedunculated. Histological structure of tumour tissue is from fibroblasts and fibrocytes, often star-shaped, between which is abundant intercellular substance rich in collagen fibers. On the basis of the morphology of the tumour, the diagnosis of fibroma or dermal fibromatosis was concluded.

Viral etiology of dermal fibromatosis i.e. infectious nature of this tumor causes possibility of spreading of epidemic process in the herd. High humidity in last year favourable growing of population of mosquitoes, a vector of dermal fibromatosis.

**Keywords:** roe deer, tumor, fibroma, Serbia

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