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ACELLULAR ARCHITECTURAL CHANGES IN THE LIVER OF VIPERA RUSSELLI PARASITIZED BY LARVAE OF ANISAKIS SP. AND CONTRACAECUM SP.

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Abstract

Pathological changes are described in the liver of *Vipera russelli* parasitized by larvae of*Anisakis* sp., and *Contracaecum* sp. Histological sections of infected liver were prepared by standard procedure for detailed study. These sections were stained with hematoxylin and eosin and mounted permanently in DPX. Photographs were taken by Nikon Optiphot-II. Prominent degenerative changes observed were: thrombosis in dilated portal vein, atrophy of hepatic parenchyma, periductal inflammation and necrosis. Ulcerative lesion was also an important finding observed in some liver sections. Severe tissue damage was also observed including hepatocyte abnormalities, giant cell, hepatitis and blood vessel destruction.