

## GROSS LESIONS AND HISTOLOGICAL CHANGES IN ORGANS AND TISSUES OF NATURALLY INFECTED BY TOXOPLASMA GONDII PIGS

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**Summary.** The aim of our study was to detect the main gross lesions and histological changes of organs and tissues in pigs, naturally infected with *Toxoplasma gondii*. In most cases gross lesions of naturally infected swine were not prevalent. However, in some cases the main lesions were: lung edema, interstitial pneumonia, enlarged mesenteric lymphnodes, liver and spleen. The small foci of necrosis in mesenteric lymphnodes and liver were recorded. Histological examination of naturally infected swine showed that toxoplasmosis is a generalized infection with inflammation, degeneration and necrobiotic processes in organs and tissues. The formation of granulomas was recorded in the lymphnodes of pigs, infected with *Toxoplasma gondii*.

**Keywords:** toxoplasmosis, complement fixation test, gross lesions, histological examination, organs and tissues.