HISTOLOGICAL CENTRAL NERVOUS SYSTEM LESIONS PRODUCED BY AN HEMAGGLUTINATING VIRUS IN NATURALLY INFECTED PIGLETS.

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Histological examination of 10 brains from 1 to 10 days old piglets was made. All the pigs showed severe central nervous disorders different than those previously observed in Mexico.

An encephalomyelitis was observed in the 3 brains, the gray matter was mainly affected, but each animal presented a different degree of severity and extension of the lesions in the brain.

The histological changes were focal gliosis, perivascular cuffing (lymphocytes--plasma cells and reticular cells), necrosis, leptomeningitis, meningitis and cerebritis.

Within the brain, the most affected area was the thalamus, mid brain and cerebral cortex; although the lesions were seen throughout the brain. The lesions in the central nervous system corresponded to those produced by a neurotropic virus of domestic animal and man.