

CHOROID PLEXUS PAPILLOMA IN ONE-HUMPED CAMEL (*Camelus dromedarius*) IN SUDAN

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ABSTRACT

The present article describes choroid plexus papilloma in a 6-year-old male dromedary camel. The main clinical manifestations were stiff gait and incoordination followed by paresis then complete paralysis of hind quarters. Postmortem revealed a mass of 2 centimetres in diameter located in a dilated 4th ventricle. Hydrocephalus was evident by multiple cystic cavities, varying in size in brain stem and cerebral hemispheres. Histopathological sections of the mass displayed proliferation of densely packed arborising papillary fronds of fine fibrovascular core covered with single to multilayer and cluster or nest of cuboidal to columnar epithelial cells. The neoplastic epithelial cells showed positive immunoreactivity to cytokeratin 7. The gross, microscopic and immunohistochemistry findings were consistent with choroid plexus papilloma (C.P.P.).

Key words: Camel, choroid plexus, papilloma, Sudan