HYDROCEPHALUS IN A KID

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ABSTRACT

Incidence of internal hydrocephalus with grossly enlarged head and ankylosed limbs in a kid is reported.

Hydrocephalus condition refers to the swelling of the cranium due to abnormal increase in cerebrospinal fluid and its accumulation within the ventricular system (internal) or within both the ventricular system and the subarchanoid space (external)-Thomson, 1989.

This condition was reported to occur commonly in pigs, puppies and calves (Arthur et al., 1989). In caprines, this condition was reported to occur very rarely and hence this report is to place on record about its incidence in caprine species.

A local goat was presented to the campus veterinary clinic with the history of dystocia. Her vaginal examination revealed complete relaxation of the cervix, gross enlargement of fetal cranium with its fore limbs extended into the birth canal. Attempts to deliver the fetus per vaginum proved futile and the same was removed by laparo-hysterotomy.

The fetal head was found to be grossly enlarged with ankylosed limbs (Fig. 1). Parietal, temporal and frontal bones of the fetus were found to be very thin and not sutured.

Fig. 1
properly. Examination of its brain revealed prominently enlarged ventricular system with marked reduction of white matter. These changes are suggestive of internal type caprine fetal hydrocephalus condition. Similar findings were also reported by Balasubramanian et al. (1997) in a calf.

In domestic animals, fetal hydroceph-

REFERENCES