

Short Communication

FIBROMA OF INTESTINE IN A KID

In domestic animals, tumour of intestine, whether benign or malignant, are uncommon. Out of various types of mesenchymal intestinal tumours in animals, fibromas and fibrosarcomas were reported to be rare in occurrence (Jubb, *et al.*, 1991). Fibromas are more common in equines, seen in adult and aged animals. Fibromas develop in dermis or subcutis, but may be present wherever there is fibrous connective tissue (Moulton, J.E., 1978). A case of fibroma of intestine encountered in kid is reported.

A non descript female kid, 3 months of age was presented to the University Veterinary Clinic with the history of not taking feed for two weeks. On physical examination, a hard mass to the size of an orange could be palpated in the lower abdomen about 2-3 cm. posterior to the umbilicus.

Surgical management

The animal was given 3mg of Xylazine hydrochloride* intramuscular and controlled on right lateral recumbancy. Laparotomy was performed on left paralumbar fossa

under local infiltration anaesthesia using Lignocaine hydrochloride* 2% solution. An ovoid rubbery mass of tissue originating from intestinal wall was observed. It was adherent to the surrounding mesentery and omentum on the dorsal aspect and abdominal wall on the ventral aspect. Excised the mass by detaching from lower abdominal wall, omentum, mesentery and incising the loops of intestine extending from both the sides. The mass measured 10 x 8 cm, and was 180 gm (Fig.1) in weight. Intestinal anastomosis was performed by Maunsell's suturing technique followed by running Connel's. Sutured the omentum, mesentery and laparotomy wound.

Postoperatively the animal was given Benzathine Penicillin** 6 lakhs IU, intramuscular. The owner was advised to give restricted feed to the animal for 7 days. The animal had an uneventful recovery. Histopathological examination of the tissue confirmed it as fibroma.

Summary

A case of fibroma of intestine and its surgical management in a kid is reported.

1- Assistant Professor., 2-Professor and Head

* Xylaxin - Xylazine 20mg/ml, Indian Immunologicals, INDIA



Acknowledgement

The authors are thankful to the Dean, College of Veterinary and Animal Sciences, Mannuthy for according permission to publish this paper.

T.P. Balagopalan, C.B. Devanand, K.V. Syam and K.N.M. Nayar,
College of Veterinary and Animal Sciences,
Mannuthy.

References

Jubb, K.V.F., Kennedy, P.C. and Palmer, N. (1991). Pathology of domestic animals. 4th ed. Vol.2. Academic press, New York. pp. 138-140

Moulton, J.E. (1978). Tumors in domestic animals. 2nd ed. University of California press, Berkeley. p.16

* Xylocaine 2% - Lignocaine hydrochloride 2%, Astra IDL, Bangalore.

** Penidure LA 6 - Benzathine Penicillin 6 lakhs, John Wyeth (India) Ltd.