

## LIPOMATOUS BULL DOG CALF MONSTER IN A MURRAH BUFFALO

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#### ABSTRACT

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A monster calf of lipomatous bull dog condition causing dystocia due to absolute fetomaternal disproportion in a Murrah buffalo is reported.

Keywords: Buffalo, Dystocia, Lipoma, Monster

#### INTRODUCTION

Teratological development of ovum may result in the death or malformations of the antinatal individual, resulting in dystocia (Roberts, 1971). Foetal anomalies and monstrosities of various types have been reported in cows (Janna and Ghosh, 2002) and buffaloes (Saini *et al.*, 2010). Present case report deals with oversized lipomatous fetus in a murrah buffalo.

#### CASE HISTORY AND OBSERVATIONS

A pluriparous Murrah buffalo at full term in second stage of parturition suffering from dystocia due to fetal cause was referred to TVCC, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar (Haryana). Even after preliminary handling at field level, straining since last 12 hours and rupture of water bags 3-5 hours before, animal was unable to deliver the fetus. Physically, animal was dull, depressed, and exhausted due to severe straining. The animal was examined per-vaginally after proper lubrication which revealed that the fetus was in anterior longitudinal presentation and dorso-sacral position. Fetal head was present in the birth canal without any progress. Foetal movements and other reflexes were absent.



FIG: LIPOMATOUS BULL DOG CALF MONSTER

#### TREATMENT AND DISCUSSION

Before handling the case, the animal was given epidural anesthesia using 5ml of 2% xylocaine hydrochloride and two liters of liquid paraffin was infused into the uterus. Posterior epidural anaesthesia was achieved using 2 per cent xylocaine hydrochloride. The obstetrical eye hook was applied in eye socket and dead monster was expelled out by gentle traction. The monster was characterized as bull dog calf (Fig.) with round and big head, bulging of eyes, large ears, short and stumpy legs, short tail, round distended abdomen, hairless body and pot belly. On post mortem examination, the abdominal cavity was exposed and excessive lipomatous mass was noted. Such types of monsters are generally borned due to a simple, autosomal recessive defects with some modifiers (Roberts, 1971). Dystocia due to bull dog calf, though

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uncommon, have been reported in cows (Roberts, 1971) and buffaloes (Pandey *et al.*, 2010).

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