

Fifth legged pygomeia in a cross bred cow calf

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Introduction

Polymelia is a congenital constitutional disorder of limbs describe duplication of a whole limb. When one or more additional limbs are attached to different regions of the condition is termed as heterotropic polymelia and is classified according to the region of attachment. Amongst polymelia, notomelia is most common, whereas, pygomeia condition is a rare occurrence in which additional limb is attached in the pelvic regions. Present communication report a rare incidence of heterotropic polymelia diagnosed to be fifth limbed pygomeia in a cross bred cow calf.

Clinical observation

A fifteen days old female cross bred cow calf was brought to Teaching Veterinary Clinical Complex, Sardarkrushinagar with possession of extra limb hanging in the pelvic region. The limb on examination revealed duplication of hindquarters with marked constitutional disorders (Fig 1).

The limb was found to have neurological reflexes with flexibility. This was clinically identified as a congenital anomaly popularly called pygomeia.

Discussion

Polymelia appears to be sex linked recessive trait (Leipold et al. 1983) and amongst different types of polymelia occurrence of pygomeia seen with a low frequency than the anomelia. (Singh and Tayal, 2001).

Congenital deformity of pygomeia is also reported by Rahman et al., (2006) and Jana and Ghosh, (2008).



Figure 1 - Fifth Legged pygomeia in a cross bred calf

References

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