

AN EXTREMELY RARE CASE OF COMPLETE PENOSCROTAL TRANSPOSITION (ECTOPIC PENIS) IN NAGPURI BUFFALO CALF

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Complete Penoscrotal transposition (PST) is an extremely rare congenital anomaly in farm animals. Only a few cases have been reported in calves, goats and dogs perhaps this one is the first in buffalo ever reported. During a field survey in village Panjra Kate-Kondali, Tq. Katol District Nagpur, the breeding tract of Nagpuri buffalo, a case of 12 months old male calf of Nagpuri buffalo was brought into the notice with a congenital penial abnormality with the penis located between the anus and the scrotum (ectopic penis). Anamnesis and physical examination revealed that the calf was active, alert and micturited normally. The animal was also reported to be normal in showing the signs of libido. Instead of normal opening of the penis below the trunk in prepuce behind the umbilicus, the ectopic position was found hanging caudal to the testicles. Palpation revealed that testes were descended in the scrotum, relatively smaller in size and consistency was normal. Correction of the penis position through surgical intervention was suggested being normally followed in human babies. Congenital anomalies could be the result of one or more genetic, infectious, nutritional or environmental factors; hence it is often difficult to identify the exact cause. Abnormal positioning of the genital tubercle (GT) in relation to the labioscrotal swellings during early embryonic life may affect the migration and fusion of scrotal swellings. PST can be classified as complete and incomplete, based on either the penis covered entirely by the scrotum; or the scrotum does not fuse with the penis. It is usually associated with other anomalies (ectopic penis in this case). As in many cases owners misbelieves such animals a God given gift and preferred to rear them as sign of good fortune, hence utilization of this bull as a teaser was suggested.

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