

## Induction of Oestrus using Cloprostenol by Intra vulvo-sub mucosal route in Sub-Oestrus Buffalo

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### Abstract

The present experiment was undertaken to study the clinical efficacy of PGF<sub>2</sub>-a (Clostenol, M/s. Zydus Animal Health Ltd.,India.) by intravulvo-submucosal route for induction of estrus in buffalo. Total 20 postpartum buffalo were selected from BuffaloResearch and Instructional Farm, COVAS, Parbhani. The animals from group-I (IVSM) reported 80 per cent induction of estrus with mean time interval between treatment and onset of estrus as  $83.70 \pm 2.50$ h., average duration of estrus was  $21.80 \pm 1.41$ h while conception rate was found to be 80 per cent. The animals from group-II (control group) also reported 80 per cent induced estrus; average duration of estrus was  $22.6 \pm 0.92$  hr, while the conception rate was 40 per cent.

**Keywords:** PGF<sub>2</sub>a, Conception rate, Intravulvo-submucosal route.