



volume and weight of enlarged gland was derived as $29.99 \pm 1.98 \text{ cm}^3$ and $29.22 \pm 1.90 \text{ g}$ in small sized breeds, $50.79 \pm 4.72 \text{ cm}^3$ and $49.18 \pm 4.53 \text{ g}$ in medium sized breeds, $52.58 \pm 3.34 \text{ cm}^3$ and $50.90 \pm 3.21 \text{ g}$ in large sized breeds and $72.13 \pm 7.94 \text{ cm}^3$ and $69.67 \pm 7.62 \text{ g}$ in giant sized breeds of dogs.

Abst 6: V

**CLINICAL DIAGNOSIS AND THERAPEUTIC MANAGEMENT OF TRANSMISSIBLE
VENEREAL TUMOR IN CANINES**

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A total of 24 cases of canine from both the sexes in the period of one year were suspected for transmissible venereal tumor which reported in Teaching Veterinary Clinical Complex, Nagpur Veterinary College, Nagpur. Out of 24 dogs, 12 male and 12 females were recorded. Male and female has complaint with continuous prepuccial and vaginal bleeding since one week or more than a week respectively. In male, prepuccial exposure and impression smear was collected whereas in female with posterior vaginal tumor impression smear was collected however, anterior type of tumor diagnosed by vaginal cytology. Smear picture showed round to slightly polyhedral cells of TVT. A total 12 cases were treated with Inj. Vincristine @ 0.025 mg/kg slow IV in DNS and 12 cases treated with autohaemotherapy @ 10 ml whole blood IM for once in week and continue upto its complete regression. Recovery noted that, fast in use of inj. Vincristine than autohaemotherapy. Side effects were examined only in Vincristine treated dogs. It can be concluded that impression smear of growth is easy method to diagnose and autohaemotherapy is safest treatment of TVT in dogs.

Abst 7: V

**THERAPEUTIC MANAGEMENT OF MISMATING IN SIX LABRADOR RETRIEVER
BITCHES**

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The present study was conducted at Teaching Veterinary Clinical Complex, Nagpur Veterinary College, Nagpur. Six Labrador retriever bitches having age in between 2- 5 years were presented at clinic with the history of mismating during estrus. Sperm cells found during an exfoliative vaginal cytology supports the history of mating in all bitches presented for the treatment. Bitches were treated by administrating Inj. Estradiole Benzoate (E_2B) @ 0.20 mg/kg within 24 hrs of mismating along with Dexamethasone tablets orally (OD) for five days @ 0.1 to 0.2 mg/kg . No any side effects were found during the treatment, regardless of dose. None of the bitches were found pregnant after the treatment.

Abst 8: V

**INDUCTION OF WHELPING IN CANINE PREGNANCIES WITH SMALL LITTER SIZE
USING PROGESTERONE RECEPTOR BLOCKER AND PGE_1**

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The goals of managing high-risk pregnancies are to optimize maternal, foetal and perinatal health, maintain lactation and maximize the survival of the pup which includes an elective caesarean or medical induction of parturition. The clinical efficiency and safety of medical induction of whelping in full term canine high risk pregnancies using mifepristone along with intravaginal application of misoprostol (PGE_1) in comparison to spontaneous whelping was studied. Twelve dogs with three or fewer fetuses, confirmed by radiography, presented to the University Veterinary Hospital, KVKASU with history of not exhibiting any signs of parturition was selected for the study. Six bitches that attained a GA of 61 ± 1 days on sonography were subjected to medical induction of whelping

