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Publications related to Camelid (Last ten years)

1. Aminu Deen, **S. Vyas**, M.S. Sahani, P. Saharan, I. Sevata and S. Chabra (2007) Estradiol-17 β and progesterone profiles of female camels at different reproductive stages. *Israel Journal of Veterinary Medicine*. 62 (1): 20-26.
2. Aminu Deen, **S. Vyas** and M.S. Sahani (2005). Problems of artificial insemination in dromedaries camel- failure of ovulation and entrapment of spermatozoa in gelatinous camel semen. *Veterinarski Arhiv* 75(4): 293-301.
3. Aminu Deen, S. Vyas, G. Mal and M.S. Sahani (2005). Is low efficiency under AI in camel due to ovulation problems? *Journal of Camel Practice and Research* 12(2):123-125.
4. Aminu Deen, **S.Vyas** and M.S. Sahani (2005). Testosterone profiles in the camel (*Camelus dromedarius*) during the rutting season. *Israel Journal of Veterinary Medicine* 60 (1): 27-32
5. **Vyas, S.**, Rai, A.K., Goswami, P.K., Singh, A.K., Sahani, M.S. and Khanna, N.D. (2004). Superovulatory response and embryo recovery after treatment with different gonadotrophins during induced luteal phase in *Camelus dromedarius*. *Tropical Animal Health and Production* 36:557-565.
6. **Vyas, S.**, Rai, A.K., Sahani, M.S. and Khanna, N.D. (2004) Use of real time ultrasonography for control of follicular activity and pregnancy diagnosis in the one humped camel (*Camelus dromedarius*) during non-breeding season. *Animal Reproduction Science* 84 (1-2): 229-233.
7. Aminu Deen, **Sumant Vyas**, M.Jain and M.S. Sahani (2004). Explanation of no or low motility in camel semen. *Israel Journal of Veterinary Medicine* 59 (1-2): 24-27
8. Aminu Deen, **S. Vyas**, M.Jain and M.S. Sahani (2004). Refrigeratory

- preservation of camel semen. *Journal of Camel Practice and Research* 11 (2): 137-139
9. Aminu Deen, **Vyas, S.** and Sahani, M.S. (2003). Semen collection, cryopreservation and artificial insemination in the dromedary camel. *Animal Reproduction Science*, 77: 223-233
 10. Sahani, M.S., **Vyas, S.** and Aminu Deen (2003) Improvement in reproductive efficiency in farm camels under hot arid region. *Indian Journal of Animal Reproduction* 24 (2): 95-98.
 11. **Vyas, S.**, Aminudeen and Sahani, M.S. (2002). Ultrasound-principle and Instrumentation. *Veterinary Practitioner*. 4(1): 55-60.
 12. **Vyas**, Purohit, G.N., Pareek, P.K. and Sahani, M.S. (2002). Ultrasonographic imaging to monitor early pregnancy in camel (*Camelus dromedarius*). *Revue Elev. Med. Vet. Pays Trop.* 55 (3): 241-245.
 13. Sharma, R., Purohit, G.N., Garg, N., Gupta, A.K., **Vyas, S.** and Pareek, P.K. (2001). Retention of afterbirth in a she camel – a case report. *Veterinary Practitioner* 1(2): 111-112.
 14. **Vyas, S.**, Pareek, P.K., Purohit, G.N. and Sahani, M.S. (2001). Management practices for augmenting rut in male *Camelus dromedarius*. *Veterinary Practitioner*, 2 (2): 132-34.
 15. **Vyas, S.** and Sahani, M. S. (2000). Real-time ultrasonography of ovaries and breeding of one humped camel (*Camelus dromedarius*) during the early postpartum period. *Animal Reproduction Science*, 59 (2000): 179-184.
 16. **Vyas, S.**, Sharma, N., Bissa, U. K., Chirania, B. L. and Bishnoi, B. L. (1999). Effect of prostaglandin F₂ alpha on induction of parturition in she camel. *Indian J. Anim. Reprod.* 20 (1): 73.
 17. **Vyas, S.**, Goswami, P., Rai, A.K. and Khanna, N.D. (1998). Use of tris and lactose extenders in preservation of camel semen at refrigerated temperature. *Indian Vet. J.* 75: 810-812.
 18. **Vyas, S.**, Rai, A.K. and Khanna, N. D. (1998). Treatment of cystic ovarian degeneration in Indian camel (*Camelus dromedarius*). *Indian Vet. J.* 75 : 827
 19. **Vyas, S.**, Singh, A. K., Goswami, P., Bissa, U. K., Rai, A.K. and Khanna, N.D. (1998). Superovulation and nonsurgical embryo flushing in Indian camel (*Camelus dromedarius*). *International J. Anim. Sci.* 13: 147-148.
 20. **Vyas, S.**, Agarwal, S.P., Rai, A.K. and Khanna, N.D. (1998). Monitoring ovulation and conception employing blood progesterone estimation in female *Camelus dromedarius*. *Indian J. Anim. Prod. Mgmt.*, 15 (1): 33-34.