Semen characteristics after vasectomy in the ram

Summary / Zusammenfassung
The objective of this study was to monitor the changes in semen characteristics in vasectomized rams and to determine if infertility was present 14 days after vasectomy. Besides evaluation of semen quality also the influence of vasectomy on shedding of ovine gamma Herpesvirus 2 was monitored. Experiments were performed using five cross-breed rams, aged between 18 and 30 months. Semen was collected weekly by artificial vagina from 2 months before to 5 months after vasectomy. After sexual rest for 10 days, vasectomy was performed by the cranial midscrotal approach. In all ejaculates the volume, concentration, total sperm number, motility and morphology (normal spermatozoa, loose heads) were determined and sperm viability (SYBR -14/PI) was evaluated in all semen samples collected after vasectomy.

Publications / Publikationen

Keywords / Suchbegriffe
Ram, semen quality, vasectomy, infertility

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