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| University of Baghdad |
| Veterinary Medicine | College Name |
| Surgery & Theriogenology | Department |
| Kreem Iwaid Azkher | Full Name as written in Passport |
|  | e-mail |
| **Professor**  | **Assistant Professor**  |  **Lecturer** |  **Assistant Lecturer**  | Career  |
| Comparative study between Vasectomy and Epididymectomy for preparation of teaser rams.  | Research Title  |
| Single |  | Shared name  | Shared or Single |
| Iraq.J.Vet.Med. | Published Journal title  |
| Vol:32.No.1. | Volume Number |
| 128-138 | Page  |
| 2008 | Year |
| Teaser rams were used for discovered estrus in ewes because this technique is very important for super ovulation, embryo transfer and transgenic animals program .several techniques used for preparation of teaser animals especially in sheep, so this study was designed to comparative study between two surgical methods (vasectomy and epididymectomy) . Six Assafi of breed rams, clinical reproductive system, libido and laboratory examination (volum. mass , individual motility and sperm count).Results showed that surgery of Epididymectomy take longer time than vasectomy ,Vasectomiesed animals showed sever pain during first two days with simple adhesion in the site of operation, while Epididymectomy cased sever adhesion between testis and skin with oedema in the site of operation also the pain was sever in addition to .it takes longer time than vasectomy. Seminal fluid examination showed disappear of live sperm immediately after operation vasectomy or epididymectomy also histological changes showing reduce in the rate of spermatogenesis .Results of this study was showed that Epididymectomy technique should superior results than vasectomy for longer time. | Abstract |

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| **Professor**  | **Assistant Professor**  |  **Lecturer** |  **Assistant Lecturer**  | Career  |
| The effect of additive prostaglandin PGF2α and oxytocine on ram semen characteristics incubation in 37Co | Research Title  |
| Single |  | Shared name  | Shared or Single |
| Proceeding of the Nine veterinary scientific conferences 31/3-1/4 .90-97.Baghdad. | Published Journal title  |
|  | Volume Number |
| .90-97 | Page  |
| 2009 | Year |
| The study was carried out at the Veterinary College – Baghdad University on six Awassi rams 2.5-3 years old in order to find out the effect of each the PGF2α and oxytocin hormone on semen characteristics following their addition to the semen was diluents and incubation in 37Co. Semen that collected by an Electro-ejaculator, by addition different of PGF2α concentrations (7.5, 15, 22.5 ug/ml) or oxytocin (0.03, 0.06, 0.09 I.U/ml) and the comparison between their effect on semen samples were dilution at a rate of 1:10 with Triladyl diluent. The results of the study indicate that the addition of 15ug/ml PGF2α or 0.06 I.U/ml oxyctocin to the diluted ram semen could maintain percentage of the sperm individual motility and the sperm live percentage better than the other levels significanly (P<0.01) during their storage at 37Co over the periods 0,3,6,9 hours. There were significant (P<0.01) decrease in the sperm live percentage as the oxytocine level increased and significant (P<0.01) increase in sperm abnormalities as PGF2α level increased. Conclusion it is recommend that the 15 ug/ml PGF2α and 0.06 I.U/ml oxytocin have apositive effect on the semen quality when added to the diluted semen, and storage in 37Co .Also PGF2α better than oxytocine. | Abstract |

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| **Professor**  | **Assistant Professor**  |  **Lecturer** |  **Assistant Lecturer**  | Career  |
| The effect of prostaglandin F2α and oxytocin injection hormone on some semen characteristics of awassi rams | Research Title  |
| Single |  | Shared name  | Shared or Single |
| Proceeding of the Ten veterinary scientific conferences.31/3-1/4.p:228-242 Baghdad. | Published Journal title  |
|  | Volume Number |
| p:228-242. | Page  |
| 2010 | Year |
| The aim of this study was to investigate effects of prostaglandin and oxytocin 1/ M injection semen characteristics of a wassi rams. 10 rams (2.5-3) years old were divided randomly into two groups and semen was collected weekly by electro-ejaculator for 14 weeks, two first weeks were considered as Pre-Treatment (Pre), the second two weeks were considered Treatment (T), when one group was injected 7.5mg prostaglandin FGF2α , while 2nd group injected 20 I.U. oxytocin (.I.M), every two days for two weeks , and the other 10 weeks were considered the Post Treatment (Post) . The results of this study were: Injection prostaglandin FGF2α treatment was significant (P<0.01) increase sperm concentration during (post) , motility and life sperm during (T and Post) t, while the sperm abnormality and methylene blue reduction time was significant (P<0.01) in all over the experiment period. The FGF2α didn’t effect on semen volume. While the oxytocin increase sperm concentration (P<0.01) during this study, gradual increase in the semen volume during (post) only. Conclusion the two hormones have positive effect on some characteristics especially sperm count, while prostaglandin FGF2α show clear affects on semen characteristics. appositive effect on some characteristics especially sperm count, while prostaglandin FGF2α show clear effect on all semen characteristics.  | Abstract |

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| Effect of adding of L.arginine on some physical properties of bull sperms after freezing in liquid nitrogen (-196˚C**)** | Research Title  |
| Single |  | Shared name  | Shared or Single |
| AL-Gadisia.J.Vet.Med.  | Published Journal title  |
|  | Volume Number |
|  | Page  |
| 2011 | Year |
| In order to investigate the effect of adding L.arginine on poor motile bull sperms, this study was conducted in Artificial Insemination Centre of Abou-Ghareeb ,17 ejaculates with poor motile sperms estimated (40% to 55%) were collected by A.V from 5 bulls and extended with Tris-yolk-fructose-glycerol extender supplemented with 0.005 M of L.arginine cooled for 2 hours, equilibrated for 4 hours and frozen in liquid nitrogen at (-196˚C), then thawed after 48 hours in (37˚C for 30 seconds) . Determination for spermatozoa motility, dead and abnormalities percentages and acrosomal abnormalities percentage were evaluated before and after freezing. results obtained in this study it is concluded that L.arginine can be used to activate the motility of poor motile bull sperms, furthermore, it can be used as an adjuvant in bull semen extenders to maintain the viability of spermatozoa after preservation at 5 or in liquid nitrogen at (-196˚C).   | Abstract |