

1-Experimental study:-

This part of the study was conducted on 12 native un-castrated bucks for evaluation of different techniques used for treatment of urine retention in ruminants, age ranged from 18 to 24 months and of weight ranged from 25kg to 32 kg B.Wt. The bucks were randomly divided into four groups included urethrostomy, ventral urethrotomy, dorsal urethrotomy and tube cystotomy. These animals were observed for six months postoperatively.

Results revealed that urethrostomy having some disadvantages as urethral stricture, loss of breeding capability and the animals are considered as low quality animals. Dorsal urethrotomy was a good technique but need an experienced and skilled person due to the presence of the two dorsal veins. In tube cystotomy, cystitis and lower urinary tract infection were evident. Ventral urethrotomy showed stenosis of the urethral lumen.