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| The study was conducted on 35 pregnant ewes suffering from dystocia due to failure of cervix dilation (ring womb) brought to the veterinary hospitals and to the veterinary clinics in Baghdad from 1995-2006; their ages ranged from 2-5 years with history of parturition beginning at the last 12-15 hours but they did not progress to the second stage of labour.  Five ewes out of 35 (14.2%) responded to the manual dilation of the cervix. Ten ewes were injected with 16mg dexamethasone intramuscular (IM) with 80% response with in 12-24 hrs. Eleven ewes were injected 16mg dexamethasone plus 3mg oestradiol benzoate (IM) the responded ewes were 100% with in 24-36 hrs. Treatment 9 ewe with 3mg oestradiol benzoate plus prosolvin (PGF2a) 7.5mg resulted in 66.6% response with in 24-36 hrs. The caesarean section (C.S) was performed on 5 ewes (2 dexamethasone treated group and 3 in oestradiol benzoate plus prosolvin group) the response was 100%. The number of lambing ewes singly was (4, 6, 10, 5, 3) and twining (1, 2, 1, 1, 2) respectively for all different treatment. The number of alive lambs was (4, 10, 12, 6, 5) and for dead lambs was (1, 0, 0, 1, 2) respectively, we concluded that poor response to the manual dilation in sheep. The best result with hormonal treatment were 100% by injection 16mg dexamethasone plus 3mg oestradiol benzoate while the result was 80% by injection 16mg dexamethasone alone and was 66.6% by injection of oestradiol benzoate (3mg) with prosolvin (7.5mg). | | | | | | Abstract |