

# **The Testicular Pathologies in Rams of the Algerian Local Breed “Rembi”**

## **Clinical and Histopathological Classification**

A. Boucif, N. Azzi, A. Boulkaboul, D. Tainturier and A. Niar

### **Abstract :**

This study aimed to estimate the prevalence of genital pathologies in rams of one of the local Algerian breed "Rembi rams" at Tiaret slaughter house (West of Algeria). It was based on macroscopic and histological description of testicular and epididymal abnormalities. These pathologies were identified by inspection and palpation of all parts of the testis and the epididymis, compared to healthy organs. Of the 2750 studied rams, various genital abnormalities have been identified (Cryptorchidism: 4%, hypoplasia/atrophy: 3% and Orchitis/Epididymitis: 0.5%). From the Histological point of view, the seminiferous tubules showed significant alterations leading to complete loss of spermatogenesis. The epididymis has undergone an extensive and profound destruction of its walls with a significant loss of its basal and glandular cells. In addition to these clinical and histological observed results, a bacteriological examination is essential to identify any germs involved in the pathology.

**Journal title / Revue :** Asian Journal of Animal and Veterinary Advances, ISSN : 1683-9919, DOI: 10.3923/ajava.2011.831.837, Issue : 8, Volume :6, pp. 831-837, 2011.