

Achondroplastic Syndrome in a West African Dwarf Lamb

***AJADI R.A; AJALA O.O.; OYEYEMI M.O; AKUSU M.O**

Department of Veterinary Surgery & Reproduction, University of Ibadan. Ibadan, Nigeria

ABSTRACT

A three week old, male, West African Dwarf (WAD) lamb presented with disproportionate hind limb was diagnosed of having achondroplastic syndrome by physical and radiological examination. Physical examination showed the right hind limb was deformed at the *level* of the tarsus, metatarsus and phalanges. Radiological examination showed that the tarsal bones were small and laterally compressed, while the lateral sesamoid bone was absent. The right metatarsal bones were rudimentary while the phalanges were only represented by soft tissue structure. The serum alkaline phosphatase (ALP), aspartate transaminase (AST) and *alanine transaminase* (AL T) were higher in the achondroplastic lamb than the normal flock mate used as control. Based on the radiographic findings, it was concluded that ectrodactyly was the only feature of the achondroplastic syndrome in the lamb.

Keywords:

Achondroplastic Syndrome, Lamb, Dwarf