



Enzootic Ataxia

Assoc. Prof. Özge SIZMAZ

University of Ankara Faculty of Veterinary Medicine Department of Animal Nutrition and Nutritional Diseases, Ankara, Turkey

Ankara Üniversitesi Veteriner Fakültesi Hayvan Besleme ve Beslenme Hastalıkları



Swayback, Neonatal Ataxia



Newborn lamb and goat

Cu deficiency

Primer ethiology == insufficient Cu level of soil/land

Secunder ethiology == unbioavailability in organism



Clinical symptoms



1. Congenital form: observed with gestation
 2. Delayed form: clinical symptoms are observed 4-8 weeks after gestation.
- ❖ full paralyzed lambs cannot stand up and die within 1-4 days because they cannot be suckled.



Clinical symptoms



In moderate cases;

- coordination of the hind limbs
- sitting on his hind legs like a dog while tumbling down and trying to get up

In mild cases;

- When the lamb runs, there is a lack of coordination in the hind legs.
- There is tenderness in the back leg and the waist.



Treatment



Not effective

12.5 mg Cu glicinate, subcutaneous

CuSO₄ can be added to rations for arrange the ratio of Cu/Mo (5/1)



Prevention



First 3 months of pregnancy of lambs
CuSO₄, 25 mL, oral, 3 wks

As a result; the Cu level must be 5-10 ppm DM in ration.

