

## Metritis / Pyometra in Angora rabbit

G. K. DAS<sup>1</sup> AND K. S. RISAM<sup>2</sup>

North Temperate Regional Station, Central Sheep and Wool Research Institute  
Garsa (Via - Bhuntar), Kullu, (H.P.)

Received: April 4, 2005

Accepted: July 24, 2006

### ABSTRACT

Present communication records the occurrence of metritis / pyometra in Angora rabbit from a subtemperate climate of India.

**Key words :** Metritis, pyometra, rabbit, Angora.

Metritis or pyometra or white discharge is a major rabbit disease (Lebas *et al.*, 1986). It is an important genital infection occurring more often in adult does (Flatt, 1974). In bilateral affection, the does often become sterile. The condition is frequently only diagnosed at the time of necropsy (Whittaker, 2001). Present communication describes a case of metritis / pyometra complex in an Angora rabbit doe reared under subtemperate climate.

An Angora rabbit doe aged 2 years, was

presented for treatment with a history of thick and white vaginal discharge. Previous history indicated that the doe was not conceiving / kindling since last one year, even after being bred on four different occasions with desired interval. The doe was treated with enrofloxacin, vitamins and liver extracts intramuscularly for 5 days. On 3<sup>rd</sup> day of treatment, discharge was absent which recurred again on 4<sup>th</sup> day. Abdominal palpation (6<sup>th</sup> day) revealed a hard



Fig 1. Genital tract of rabbit with both uteri dilated and filled with suppurative exudates.

<sup>1</sup>Senior Scientist (Animal Reproduction) and <sup>2</sup>Principal Scientist and Head



Fig 2. : left uteri appeared as tennis ball (LH - Left horn, RH- Right horn).

and round structure inside the abdomen (lower part) anterior to the pelvic cavity. The doe was slaughtered (7<sup>th</sup> day) and the findings were recorded. Both the horns (uteri) were dilated (Fig. 1). Left one appeared like tennis ball with thin wall and full of suppurative exudates which was thick creamy in nature and caseated pus (Fig. 2). Right one distended 4-5 times than the normal pregnant uterus and appeared as elongated structure. On incision, thick pus came out from the right horn as well. Both the fallopian tubes were highly inflamed and swollen.

The present case study records the incidence of metritis / pyometra/ white discharge in Angora rabbit which in prolonged state leads to sterility.

## REFERENCES

- Flatt, R. E. (1974). Bacterial Diseases. In : The Biology of the Laboratory Rabbit. S. H. Weisbroth, R. E. Flatt and A. L. Kraus (ed.), Academic Press, Inc., New York, USA pp.193-236.
- Lebas, F., Coudert, P., Rouvier, R. and de Rochambeau, H. (1986). The Rabbit Husbandry, Health and Production. FAO Animal Production and Health Series, no. 21 pp 1-235.
- Whittaker, D. (2001). Normal reproduction, and reproductive diseases and infertility in rabbits. In : Arthur's Veterinary Reproduction and Obstetrics. Eight Edition, D. Noakes, T. J. Parkinson and G. C. W. England, Harcourt (India) Private Limited, New Delhi pp 801-815.

ite  
loe  
ren  
red  
ins  
lay  
ain  
ard

RH-