Hydrometra in a Cat

Louis W. Feldman
Iowa State College

1940

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important provisions of the Selective Service Regulations Act, which are of immediate concern to the student. Any national emergency that might arise in the future will, in all probability, greatly alter the conditions as provided in this act.

The Veterinary Student will attempt to obtain any information concerning this Act which may be available in the future.

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**Hydrometra in a Cat**

**Louis W. Feldman**

**Class of 1942**

A female Persian cat, eight years of age, was presented at the McGinnis Animal Hospital, Peoria, Ill., on July 6, 1940. The owner had noticed an enlargement of the abdomen with symptoms of anorexia, vomiting and depression. The abdomen was enormously enlarged and the animal was emaciated. The temperature was 103°. A tentative diagnosis of pyometra was made and permission was granted to proceed with surgery.

Hydrometra and Cystic ovary.

Anesthesia consisted of 1 1/2 grains of Nembutal per os. The ventral surface of the abdomen was shaved, cleansed with alcohol and painted with tincture of merthiolate.

A median incision, beginning immediately posterior to the umbilicus and extending backward four inches, was made through the abdominal muscles and peritoneum. When the uterus and ovaries were brought through the incision, the horns of the uterus were found to be greatly enlarged; the right ovary was cystic and the left ovary apparently normal. After the ovarian arteries were ligated with No. 0 plain catgut, the ovarian ligaments were clamped off with an angiotribe and excised with a small scalpel.

The body of the uterus was clamped off with a large curved forceps and severed anterior to the forceps. Again using No. 0 plain catgut a purse string suture was made just posterior to the forceps. The forceps were removed, the stump of the uterus was inverted, the purse string suture was drawn up and reinforced by a continuous suture. The laparotomy wound was closed using a continuous No. 0 catgut suture in the peritoneum and fascia and No. 1 dermis suture for the skin.

The uterus and ovaries weighed 960 grams (approximately 34 ounces) and measured 33 cm. (13 inches) from left to right ovary. Upon examination it was found that both uterine horns were filled with thin mucus instead of pus. The left ovary was normal; the right ovary which was cystic and filled with thin mucus measured 7 1/2 cm. (3 inches) in diameter. A diagnosis of hydrometra was made.

Recovery occurred in six days and was uneventful. This case was particularly interesting because of the great contrast in the size of the animal before and after the operation.

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**Dr. M. J. Johnson**, Department of Veterinary Surgery, and **Dr. C. D. Lee**, Veterinary Research Institute, appeared on the program of the Eastern Iowa Veterinary Association meeting at Cedar Rapids, Iowa, on Oct. 15 and 16, 1940. Dr. Johnson spoke on “Suture Materials and Suturing” and Dr. Lee presented papers on “Poultry Parasite Control” and “Report On Avian Section of the 1940 Practitioner’s Clinic”.

*Fall, 1940*