

Ovarian Tumor of a Holstein Cow in Korea

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The occurrence of ovarian tumors in cattle is rare however some researchers previously reported its occurrence. Granulosa cell tumor is the most common in cattle and the incidence has been reported to be approximately 0.5%. This report described an ovarian tumor in a Holstein cow. Transrectal palpation of a 2-year old Holstein with anestrus signs revealed an enlarged left ovary. It was hard and measured 6 cm in size. The size of right ovary was normal. The size of left ovary was slowly enlarged following 6 months of first ultrasonographical observation. After 6 month of initial diagnosis, unilateral ovariectomy was performed through a laparotomy incision in left paralumber fossa. The ovarian tumor removed but the remnants of tumor intact in adjacent tissues. The tumor weighed 1.5 kg and measured 16 cm × 12 cm in dimension and 30 cm × 26 cm in circumference. It had a rough lobulated capsule and there were several large veins on the surface of the mass. The gross lesion and ultrasound image of the ovarian mass may be confirmed with granulosa cell tumor.

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