

Spontaneous Pyometra Induced by Staphylococcus Species in a Young Jino Dog

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Pyometra is a common disease in female dogs. Older, intact female dogs that are one to two months beyond estrus are at high risk for pyometra. Pyometra often results from the animal's own bacteria within the genital tract. *Escherichia coli* is the most common bacteria identified in pyometra.

A 10-months-old young Jindo bitch was presented for investigation of anorexia, polydipsia, vaginal discharge and occasional vomiting. Abdominal sonography demonstrated abnormal enlargement of uterus.

Staphylococcus species was identified by smearing of vaginal discharge. This case was confirmed as pyometra induced by *Staphylococcus* species, and ovariohysterectomy was performed. Gross examination of uterus revealed enlarged uterine horn, which had yellowish pus material in the lumen. Histopathologically, endometritis and necrosis were present in uterine wall. The bitch made a complete recovery following an ovariohysterectomy.

On our knowledge, this is a very rare report of pyometra occurrence in young dog and *Staphylococcus* species-induced pyometra. This study may provide a valuable data on the study of canine pyometra.

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