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Canine Mixed Testicular Tumor With The Cryptorchism

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A male 15-year-old Pomeranian dog with unilateral cryptorchism with tumor mass connected to the testis by vessels was presented. Both of the retroperitoneal cryptorchid testis, tumor mass and bilateral kidney were removed surgically. Grossly, the cryptorchid testis and the mass were very similar appearance showing enlarged, encapsulated, bulging sphere and yellow colored homogenous mass on cut section. The left and the right kidney revealed hydronephrosis and hypertrophy, respectively. The presented tumor mass and cryptorchid testis showed similar cell population, complete destruction of normal architecture of testis.

And interstitial cells, Sertoli cells, and germ cells were dispersed and intermixed with collagenous fibers. It was confirmed by vimentin positive cytoplasmic immunoreactivity, Leydig and Sertoli cells, on immunohistochemistry. And as compared two histological diagnoses cell populations for the tumor mass and cryptorchid testis, it was revealed that the mass originated from the cryptorchid testis. In this report, we described gross, histopathological and immunohistochemical findings of a rare canine mixed testicular tumor.

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P#58

Bilateral ovarian tumors in a Otaria Byronya and pyometra

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A 14-year-old female South American sea lion (Otaria Byronya) with persistent vaginal secretion and chronic-hemorrhagic