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Gibson Zorska Prima, born 08.02.2017, Transponder: 6166

PKR.II-128861 D

### Result of the examination regarding ectopic ureters

Dear Katharina Fay Verwoerd,

thank you for taking part in the study regarding ectopic ureters in Entlebuch mountain dogs.

In the ultrasonographic examination on 26.04.2018 in Zurich, the ureters were clearly visible. Both ureters open into the bladder neck. **Your dog is classified as (B).**

Ureters are classified as ectopic if one or both ureters open into the bladder further back than normal. We differentiate between normal ureters opening into the bladder trigone (A), ectopic ureters opening into the bladder neck (B) or directly into the urethra (C). Dogs with type B ureters, who also have problems like incontinence, dilated ureters (hydroureters) or even dilated kidneys (hydronephrosis) are classified as C, too.

Animals with ureters opening quite far back into the bladder neck or into the urethra have a higher risk of developing these clinical symptoms.

Ectopic ureters lead to a higher risk of ascending urinary tract infections. Therefore, antibiotics should only be used after having determined resistances.

Also, the risk for incontinence after castration is elevated, which is why a castration should only be considered in case of a medical indication (e.g. pyometra or testicle tumors).

If you have any questions, you may contact me anytime.

Kind regards,

med. vet. Milena Gallana