

CUTTING EDGE

PATHOLOGY



4th ESVP, ECVP and ESTP Cutting Edge Pathology Congress

Virtual Congress
15th - 17th September 2021

4th Joint ESVP, ECVP and ESTP Cutting Edge Pathology Congress

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Joint ESVP-ECVP-ESTP Sessions
“Coronavirus-related Diseases”
“Next generation biomarkers”
“Interactive Case presentations”

Parallel sessions

ESVP-ECVP

- Global health / emerging disease, speculations on the next pandemic
- Forensic pathology
- Molecular techniques in Pathology
- Oncology
- ECVP History - 25 years
- Poster sessions

ESTP

- Biomarkers and risk assessment
- Biomarkers of inflammation with immunotherapeutics
- Biomarkers of liver injury
- Validation of biomarkers
- Pathology and biomarkers potpourri
- Biomarkers for neurotoxicity and special senses
- Pathology 2.0 update
- Poster sessions

Pre-congress meetings:

Tuesday 14th September
IATP Satellite Symposium

“Biomarkers for the 21st Century: The Critical Role of the Microbiome in Toxicology”

Wednesday 15th September
ESVP-ECVP Residents’ Day
“Skills in Scientific communications”

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ESVP/ECVP Poster Abstracts



ESVP/ECVP Poster Abstracts

Small animals

TERM PREGNANCY IN A BITCH WITH A DISORDER OF SEXUAL DEVELOPMENT

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Introduction: Disorders of sexual development (DSD) present a wide range of morphological abnormalities that often draw the attention of practitioners. Descriptions of fertility and pregnancy in such animals is rare. Here we describe a case of term pregnancy in a DSD bitch.

Materials and Methods: During the clinical examination of a female Argentinian dog due to a hindlimb lesion, signs of term pregnancy were observed. The animal was submitted to an ultrasound examination. Signs of foetal distress and one dead foetus were detected, and it was decided upon a C-section with ovariohysterectomy, since the female showed external genitalia suggestive of DSD. The animal had never been observed in heat and the pregnancy was unexpected. The surgical specimen (including two dead foetuses) was submitted for pathological examination.

Results: The surgical specimen comprised a pregnant uterus with two foetuses. The gonads were surrounded by a bursa; the ovaries showed a smooth surface and an apparent epididymis as well as a tubular structure that co-existed with the female structures. The right ovary did not present an oviduct or any other anatomical connection to the uterine horn. The microscopic evaluation revealed a disorganized composition of both gonads that contained both Sertoli-only seminiferous tubules and corpora lutea. A vas deferens was also observed parallel to the uterine horn.

Conclusions: The diagnosis was bilateral ovotestis. A genetic analysis was not performed, however, the gonadal morphology supported the diagnosis of DSD in a female dog with term pregnancy leading to the birth of two live puppies.

Acknowledgements: This work is funded by national funds through the Portuguese Foundation for Science and Technology (FCT) under the project UIDB/CVT/00772/2020 and associate laboratory AL4Animals; and under the Scientific Employment Stimulus - Institutional Call - CEECINS/00127/2018.

