



PRESENTING CLINICAL SIGNS

History: Arrhythmia developed while under anesthesia. Pre-medicated with hydro/midazolam, maintained with isoflurane.

DATE

3/20/23

ELECTROCARDIOGRAPHIC FINDINGS

A single lead ECG is submitted for review.

PERFORMED BY:

HR: 120 bpm
Rhythm: Sinus with VPCs

Dr. Rodriguez

INTERPRETED BY

The underlying rhythm is sinus in origin. All sinus complex amplitudes and intervals are within normal limits. There are intermittent single monomorphic VPCs present. No atrial ectopy or conduction blocks are seen.

Keith Blass, DVM,
MS, DACVIM
(Cardiology)

ASSESSMENT/RECOMMENDATIONS

Ventricular premature complexes (VPCs)

PATIENT

Zully's ECG demonstrates the presence of intermittent VPCs. It's possible that the VPCs could be secondary to pain experienced during the procedure or secondary to one of the anesthetic drugs given, however, consideration should also be given to the presence of underlying cardiac disease, splenic/hepatic disease, or infectious/inflammatory disease as possible causes.

Zully Rissell

SPECIES

Mild ventricular arrhythmias, such as the one seen in Zully's ECG, are typically well-tolerated in dogs, though careful monitoring for progression is recommended, and avoidance of high intensity exercise is warranted if the arrhythmia persists.

Canine

BREED

Avoidance of the same anesthetic protocol is recommended in the future, as is avoidance of drugs that could induce VPCs, such as ketamine, telazol, and anticholinergics, if possible. Lidocaine (2 mg/kg slow IV) should be available in case a significant ventricular arrhythmia develops during anesthesia.

Pinscher Mix

No therapy is recommended for Zully's arrhythmia at this time given how mild it is.

SEX

A recheck ECG and/or Holter monitor is recommended in 1-2 weeks. If the arrhythmia persists, an echocardiogram may be warranted.

F

AGE

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

7 mo

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

WEIGHT

49 lb

Keith Blass, DVM, MS, DACVIM (Cardiology)
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HOSPITAL NAME

Foxfield VS

REFERRING VET

Dr. Rodriguez



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PATIENT

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