

# Sasha Sprinkles

12-year-old | Female Spayed | Boxer | 47 lbs

Cancer Screening in a Veterinarian's Dog

ONCOK9<sup>®</sup> by PetDX<sup>®</sup>

## Presentation

### USE CASE

#### Screening

- ✓ Age 7 and Older
- ✓ Breed Predisposed to Cancer

### CLINICAL DETAILS

Cancer was not suspected by the veterinarian, however Sasha exhibited some decreased appetite and ~3 lbs of weight loss over the past year.

### WHY ONCOK9 WAS PERFORMED

Sasha had no signs of cancer but was over age 7 and of a predisposed breed. OncoK9 was performed as part of her wellness and preventive care evaluation.

## OncoK9<sup>®</sup> Result

### CANCER SIGNAL



- A **Cancer Signal Detected** result significantly increases the likelihood that cancer is present, but does not confirm the presence of cancer. **This result should not be used as the sole basis for making important decisions such as treatment or euthanasia.**
- A confirmatory cancer evaluation should be performed to establish a definitive diagnosis.

Due to a **Cancer Signal Detected** OncoK9 result, a Confirmatory Cancer Evaluation was performed.

## Confirmatory Cancer Evaluation



EXAM



LABORATORY



IMAGING



SAMPLING

## Cancer Workup & Findings

- Thoracic ultrasound identified 2.5 x 4.5 cm heart base tumor
- Anatomic location impossible to access for biopsy

**Presumptive diagnosis: Heart base tumor**



Thoracic ultrasound demonstrating 2.5 x 4.5 cm hypoechoic mass at the base of the heart

## Case Takeaways/Outcome

### VETERINARIAN

OncoK9 prompted a workup that led to the presumptive diagnosis of cancer prior to the development of clinical signs.

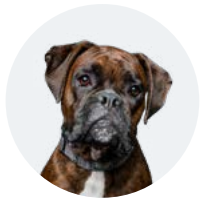
### OWNER

OncoK9 assisted in the preclinical detection of cancer, which gave the owner time to consult with a specialist and make treatment decisions for her dog.

### PATIENT

Initiation of a monitoring and treatment plan prior to the onset of clinical signs may lead to improved outcomes in managing Sasha's cancer.

*“ This is an amazing tool for veterinarians and I hope it is widely accepted by the public for their pets. – Dr. F ”*



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## Case Summary

- 12yo FS Boxer with mild decreased appetite and weight loss
- OncoK9<sup>®</sup>: **Cancer Signal Detected**
- Confirmatory Cancer Evaluation recommended
- Workup revealed a heart base tumor
- Anatomic location was impossible to access, but the OncoK9 and imaging results lead to a presumptive diagnosis of cancer
- Owner is pursuing an oncology consultation

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## Confirmatory Cancer Evaluation

May include any or all of the following:



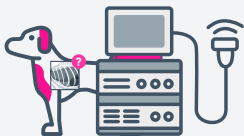
### EXAM

- Thorough clinical history
- Thorough physical exam
  - Including oral and rectal exam



### LABORATORY

- CBC and Chemistry
- Urinalysis



### IMAGING

- Thoracic radiographs – 3 views
- Abdominal imaging – ultrasound preferred
- Radiographs of localized areas of bone or joint pain, if present



### SAMPLING

- Tissue sampling of any detected masses or enlarged lymph nodes for pathological analysis

In some cases, advanced imaging (such as CT and/or MRI) may be indicated.



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