

# Winnie

Aid-in-Diagnosis in a Bichon with an Aggressive Bone Lesion

12-year-old | Female Spayed | Bichon Frise | 16 lbs

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

## Presentation

### USE CASE

#### Aid-in-Diagnosis

- Site Challenging to Access
- Site Not Clinically Evident

### CLINICAL DETAILS

Winnie presented for lameness in the left hind leg. Radiographs showed an aggressive bone lesion.

### WHY ONCOK9 WAS PERFORMED

The veterinarian suspected cancer, however the owners were hesitant to proceed with workup or referral and opted for conservative management while thinking about their options.

## OncoK9<sup>®</sup> Result

### CANCER SIGNAL



DETECTED

- 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 radiographs revealed no evidence of metastasis
- At the surgical consultation, amputation was recommended
- The owners decided to proceed with amputation

**Histopathology diagnosis: Osteosarcoma in the proximal tibia**

## Case Takeaways/Outcome

### VETERINARIAN

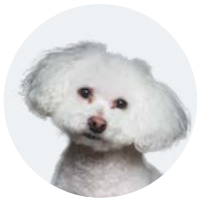
OncoK9 helped the veterinarian convince the owner to proceed with the recommended clinical management plan.

### OWNER

OncoK9 helped the owner make the decision to pursue amputation. In doing so, a diagnosis was achieved and Winnie's pain was controlled.

### PATIENT

Winnie's osteosarcoma was diagnosed and she was able to start therapy. Amputation provided immediate pain relief, and also helped Winnie avoid the possibility of a painful pathologic fracture.



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## Case Summary

- 12yo FS Bichon with an aggressive bone lesion
- Owner was hesitant to pursue workup and elected conservative management while considering treatment options
- OncoK9<sup>®</sup>: **Cancer Signal Detected**
- Amputation was pursued based on the OncoK9 and imaging results, which provided immediate pain relief
- A definitive diagnosis of osteosarcoma was made

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## Confirmatory Cancer Evaluation

May include any or all of the following:



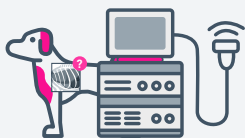
### EXAM

- 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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