



DATE PRESENTING CLINICAL SIGNS

3/11/23

Patient presented for R hind toe touching. Sedated rads were performed and a mineralized mass proximal to LEFT tibia was noted. An aspirate of the mass was performed for review. Radiographs are attached in files.
Mild ALT elevation

INTERPRETED BY

L.D. McGill, DVM, Ph.D,
DACVP

CYTOLOGY SUBMISSION

Bone lesion

OBSERVATIONS

PATIENT

Charli Cade

Left tibial region mass: Submitted are 37 excellent images of excellent collections of cells from the bone mass in the tibial region on Charli. The cellularity is consistent throughout all of these images. There are rounded to elongated cells with some cytoplasm. There is anisocytosis and anisokaryosis throughout these cells. In several of the images, the cells are associated with a pink slightly amorphous material. This material is interpreted as osteoid. It is somewhat aggregated in irregular patterns and associated with these proliferating cells.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Left tibial region mass - Consistent with osteosarcoma.

COMMENTS

BREED

Mix

The cellularity and the pink material strongly support an osteosarcoma at this location. The radiographic evidence also suggests bone. This is an excellent collection from an osteosarcoma and cytologically appears to be diagnostic. Excision biopsy is the only means for confirming the diagnosis but cytologically and radiographically, this is an osteosarcoma and therapy can be planned from this information. The regional lymph node should be evaluated for the potential of metastasis. Of course internal metastasis needs to be evaluated as well. A guarded prognosis is warranted since metastasis is possible. However, this is not in the long bone where metastasis is common due to prominent vascularity.

SEX

Female Spayed

AGE

6y

WEIGHT

62.8

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Scarpinato

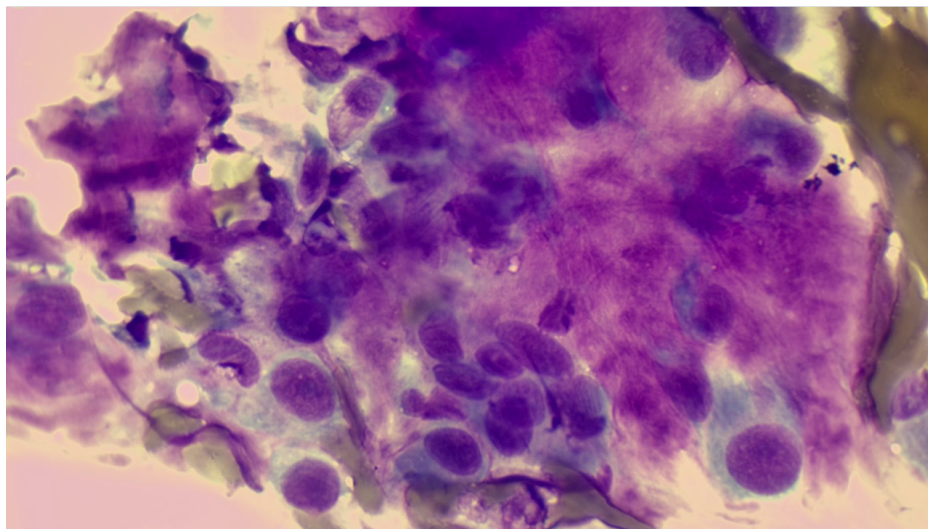


Image shows tumor cells and osteoid collected from the left tibial region mass on Charli. The pink material is osteoid. This is an excellent collection from this type of mass.

INVOICE NUMBER

913



DATE 3/11/23 **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.**

INTERPRETED BY L.D. McGill, DVM, Ph.D., DACVP **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.**

L.D. McGill, DVM, Ph.D.,
DACVP

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