



DATE PRESENTING CLINICAL SIGNS

8/18/22 8/17/22 - New dermal mass on dorsal head. Round, gray and reddish, 2 cm x 1 cm. Mass is moveable. Patient was in for exam 7/14/22 and mass was NOT present at this time. Chronic skin issues/allergies - yeast dermatitis, hyperpigmentation of the skin.

INTERPRETED BY CYTOLOGY SUBMISSION

Skin mass

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

OBSERVATIONS

Skin mass: Submitted are 12 excellent images of cells collected from the skin mass in Shultz. The cellularity consists of large numbers of round cells many of which have fine purple to metachromatic granules in their cytoplasm. Some of the cells are poorly granulated and others are more extensively granulated. There are scattered eosinophils throughout the cellular collection. Some of the cells are degenerate with smudged nuclear debris. The granular material is characteristic of mast cell granules but they are poorly granulated cells.

PATIENT

Shultz Fratianni

SPECIES INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Skin mass - Mast cell tumor, suggestive of high-grade or poorly differentiated mast cell tumor.

Canine

COMMENTS

The cellularity in this collection supports a mast cell tumor but many of the cells are poorly granulated. These poorly granulated mast cells suggest the likelihood of a poorly differentiated mast cell tumor. Eosinophils are present supporting the presence of a mast cell tumor. Some of the cells are degranulated which again adds to being poorly differentiated. With this cellularity, my concern is that this is a high-grade or poorly differentiated mast cell tumor. Regional lymph nodes should be evaluated for metastatic sites. Surgical excision should require 2 to 3 cm wide margins. Ultrasound evaluation for internal enlargement of liver and spleen is encouraged to rule out the potential of internal metastasis. A guarded to unfavorable prognosis is warranted in Schultz due to the poorly differentiated cells and potential of metastasis.

BREED

Daschund

SEX

Male Neutered

AGE

2010

WEIGHT

26.5 lb

HOSPITAL NAME

Central Veterinary
Hospital

REFERRING VET

Dr. Goeldner

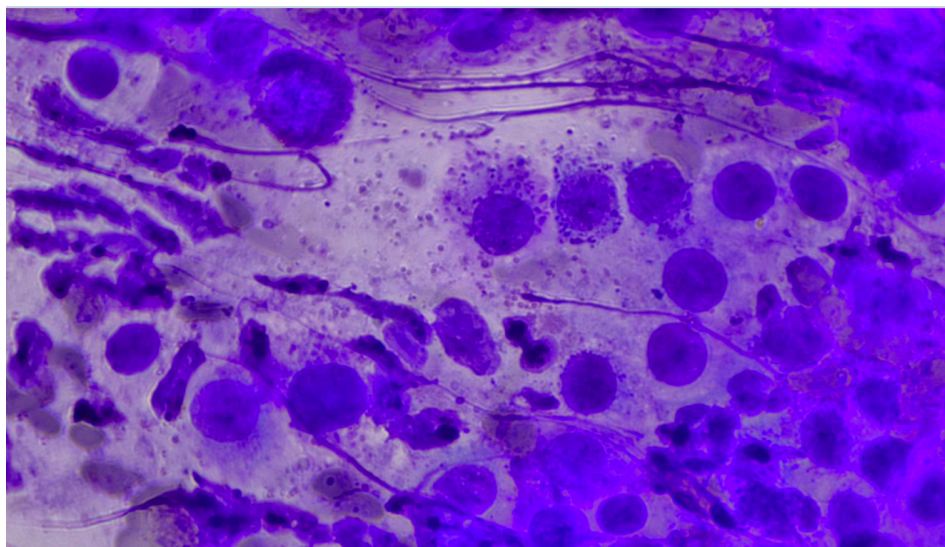


Image shows a group of mast cells collected from Shultz. The cells are irregularly granulated. There is an eosinophil in the center of the collection.

INVOICE NUMBER

778



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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.

PATIENT

Shultz Fratianni

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