

ANTECH

D I A G N O S T I C S

888-397-9378

Boonas Creek Animal Hospital
ANTECH Acct No. 150291

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Doctor TIM DALPIAZ, DVM

Owner	Pet Name	Species	Breed	Sex	Pet Age	Chart#
SOCIETY HUMANE	HEIRESS	Canine	Shetland Sheepdog	SF	5Y	N
Test Requested	Results	Reference Range	Units			

HISTOPATHOLOGY, FULL WRITTEN REPORT

History:

Mammary mass
Unknown duration
-
Received: A 4.5 cm skin biopsy

Biopsy

DESCRIPTION/MICROSCOPIC FINDINGS/COMMENTS:

Microscopic description:
Mammary tissue: A total of 4 sections on 4 slides are examined from the submitted tissue specimen. This tissue contains an irregular disorganized multilobular partially cystic neoplastic proliferation. The proliferation is comprised of rounded to cuboidal to columnar epithelial cells arranged as tubuloductal patterns, papillary cystic arrangements and solid lobules supported by a variable metaplastic connective tissue stromal component. The epithelial cells exhibit moderate nuclear pleomorphism but mitotic figures are relatively rare (2/10 hpf). In a few areas, the metaplastic stroma exhibits early cartilaginous metaplasia. Secondary inflammatory changes are present. Neither lymphatic invasion or vascular invasion can be found; however, the neoplasm appears to be extending within the mammary ductal system.
Microscopic findings:
Mammary carcinoma, complex cystic tubuloductal form, grade 1

Comment

This is a low grade malignancy warranting a cautiously optimistic prognosis with entire excision. The lesion does appear entirely excised where represented in the sections which may actually be curative in this situation. However, all represented cross-sectional subcutaneous margins, longitudinal subcutaneous margins and deep margins are scant (less than 1 mm). Consequently, close observation for any additional similar recurring lesions is warranted.

PATHOLOGIST:

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800-872-1001

Note: With our Antech OnLine viewer, you can access the pathologist's Snippet image of the histopathologic lesions of this accession. Open the accession on Antech OnLine, and click the large DigiPath icon. You will see Antech Diagnostic's exclusive interactive Snippet, complete with a magnifier.