



**Yager-Best  
histovet**

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*Submit*

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Date Received: 17-Jun-08

Date Reported: 17-Jun-08

Owner Name: LOPIZZO

Patient Name: Hoof Prints Gust of Win

Species: Canine

Breed: German Shepherd

Sex: FS

Age: 13Y

Case number: YB 213603 - 1146081 - 2008

Tissue: mammary mass

The mammary mass is an aggressive invasive ductular carcinoma. There is considerable inflammation associated with the presence of the tumour.

The tumour is composed of tubular structures which are branching and irregular in shape. They are lined by a tall columnar epithelium. The cells have a higher N:C ratio and exhibit three to four mitoses per high power field. Nests of malignant epithelial cells are present away from the main tumour nodule. There is extensive pyogranulomatous inflammation throughout the dermis.

**DIAGNOSIS:**

**1. INVASIVE MAMMARY DUCTULAR CARCINOMA**

**Comment:**

We can confirm that this mass is a mammary carcinoma. It is an aggressive tumour in terms of it's growth habit. Such tumours have a very guarded prognosis.

*5/13/95*

*Lyndon Ansa  
HP Hurricane Fern*

Julie Yager, BVSc, PhD, Susan Best, DVM, DVSc, Erin Southorn DVM, DVSc, Diplomate ACVP