

Account ID: SKOV 1

Skovshoved Dyreklinik

Teglgaardsvej 1

2920 Charlottenlund

Pet-Owner: Hecksher Nicole**Animal name:** Frodo**Species:** Dog**Gender:** M**Age:** 00 Y**Internal lab-number:** HI293481**Barcode number:** 77254655**Date of receipt:** 17.10.2017**Material:** tissue material, tissue material**LAB REPORT:**  **Frodo****material: tissue material****Histopathologic examination**

1)

CLINICAL HISTORY

Lesion in the lungs as well as on the neck.
Suspicious for a malignant histiocytosis.
Acute dyspnea and hemothorax.
Multiple nodules in the lung.

SUBMITTED MATERIAL

1) Part of the lung measuring 36 x 25 x 13 mm.
Stainings: H&E, PAS, Kinyoun-staining.
2) Neck: Two tissue samples without skin measuring 17 x 10 x 4 mm and 16 x 14 x 6 mm.

HISTOPATHOLOGICAL DESCRIPTION

Ad 1)

Pulmonary parenchyma with severe alveolar edema and fibrinous deposits as well as moderate hemorrhage. Focal necrosis is detectable and a moderate to marked diffuse inflammation composed of neutrophils. Moderately hyperplastic lymph follicles can be found in the peribronchiolar area. The pleura is markedly thickened. There is a prominent rim of bacterial colonies detectable (as far as visible predominantly coccoid bacteria).

Ad 2)

One tissue sample is composed of adipose tissue with moderate fibrosis. The other tissue sample contains a proliferation of glandular epithelial cells arranged in a mono- and a bilayer. The cells form cystic structures as well as tubular structures. They reveal a mitotic activity of about 5 mitoses/ten 400 x HPF. Marked interstitial fibrosis can be found with moderate accumulation of macrophages.

MARGINS

Submitted were parts of alterations.

DIAGNOSIS

Ad 1) Lung:

Marked fibrinous and necrotic pneumonia with bacteria.

Ad 2) Skin, subcutis:

Regular subcutaneous adipose tissue.
Ductular adenoma of apocrine glands.

COMMENT

Ad 1)

No evidence of a neoplasia. Severe inflammation is detectable with bacterial

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colonies. Overall, histologic appearance highly suspicious for intravital bacterial infection. A foreign body reaction or aspiration pneumonia cannot be ruled out etiologically.

Ad 2)

One tissue sample reveals a benign neoplasia of ductular parts of apocrine glands. The complete surgical excision should be considered as curative. The other tissue sample is without neoplasia. However, a part of a lipoma cannot be ruled out completely.

In neither of the submitted tissue samples evidence of a malignant histiocytosis.

Your sample was examined by: Dr. Sandra Preis
(e-mail-Adresse: sandra-preis@idexx.com)

Due to the characteristics of the submitted sample, a special treatment is required before the examination (e.g. additional fixation, defatting or decalcification). Please note that this may lead to a delay in receiving the report. We thank you for your understanding.

Interpretation and comments:

1)
Histopathology and cytology results can be discussed
Monday to Friday, 11:00 h to 16:00 h.

Validated by:

Dr. U.-J. Dumke (Specialist vet, Histopathology)

Our printed reports are valid without signature.

Information regarding the precise date of the test performance are available on request.

All test analysis is performed in our Ludwigsburg Laboratory and as such is included in the scope of accreditation unless otherwise indicated (DIN EN ISO/IEC 17025, D-PL-13356-01-00).

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Histopath. examination	544,00	DKK
Subtotal	544,00	DKK
+ VAT 25,0 %	136,00	DKK
Total amount due	680,00	DKK