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### NECROPSY REPORT REF. A18-511

**SPECIES:** TURSIOPS TRUNCATUS, MALE, NEW BORN (DATE OF BIRTH SEPT.09, 2017)  
**VETERINARY:** DR K. TERNES /DR. K. JURCZYNSKI  
**OWNER:** ZOO DUISBURG  
MULHEIMER STRASSE 273  
D-47058 DUISBURG  
GERMANY

**DATE OF NECROPSY:** 18/09/2017

Organs or tissues not mentioned in the necropsy part are considered as being morphologically normal.

#### NECROPSY:

Body weight 22 kg; body length 110cm; blubber thickness 13mm  
The muscles uniformly pink (anaemia)

#### INTERNAL OBSERVATIONS:

- The prescapular lymph nodes are slightly congested and enlarged;
- The spleen is severely enlarged;
- Liver moderately enlarged and fatty aspect;
- Presence of three small petechiae on the pericardium;
- Both lungs are congestive with pulmonary edema;
- Presence of small amount of blood in airways;
- Presence of yellow liquid at the occipito-atlas articulation.

#### BACTERIOLOGY:

- Lung and spleen samples under aerobic and anaerobic conditions (routine procedure);
- No culture was obtained.

#### HISTOLOGY:

Prescapular lymph nodes, spleen, urinary bladder, stomach, adrenal gland, intestine, myocardium, liver, kidney, lung, brain, tongue and muscle has been sampled (buffered formaline) and processed routinely.

The significant histological observations are reported here.

LUNG:

Severe congestion characterized by large amount of erythrocytes in the pulmonary interstitium.

MYOCARDIUM:

Multifocal congestion with large amount of erythrocytes between myocardium fibres.

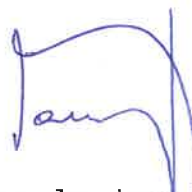
BRAIN (4 SAMPLES):

On one sample, focal area of lymphocytic meningitis characterized by infiltration of lymphocytes like-cells in the meninges.

**CONCLUSIONS:**

Except for the light focal meningitis, there is no evidence of any inflammatory process. The enlarged lymph nodes and spleen could be associated with a septicaemia but bacteriology investigations were negative. The lung congestion and pulmonary edema should be considered as agonic and responsible for the animal death.

Yours Faithfully,



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