

Falconry and Raptors Biomedicine



Dravce vo veterinárnej ambulancii

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**Klinika a vtákov exotických a volne
žijúcich zvierat**

UVLF Košice















Transport and Handling



Anaesthesia

Inhalation:

masking or intubation

Isoflurane

Sevoflurane

Injectable (i.v. or i.m.):

Ketamine

Ketamine + Xylazine

Arest

Dopram i.v.

Adrenalin i. v



X-ray



X-ray



Blood Sampling

0.5 – 1 cc blood

CBC - EDTA

Biochemistry – Heparin

Acid-Base – Heparin

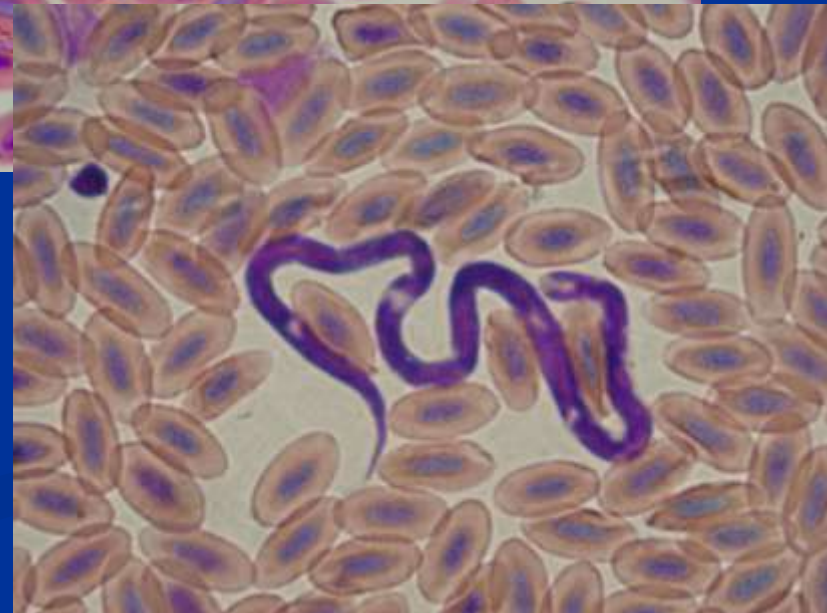
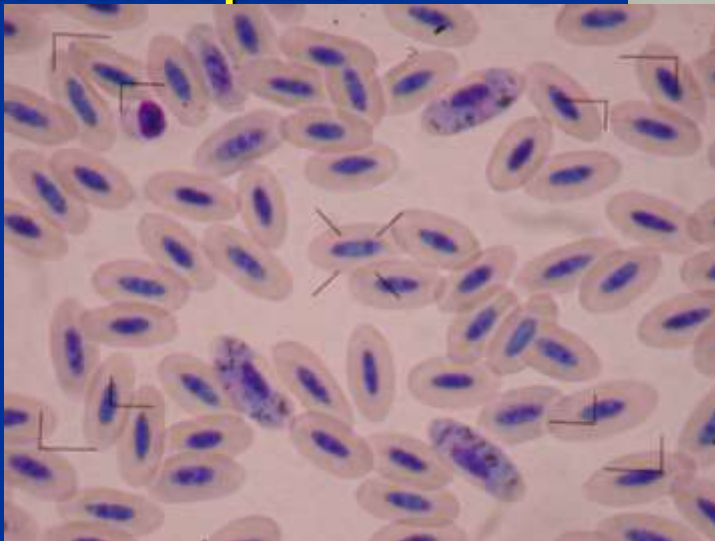
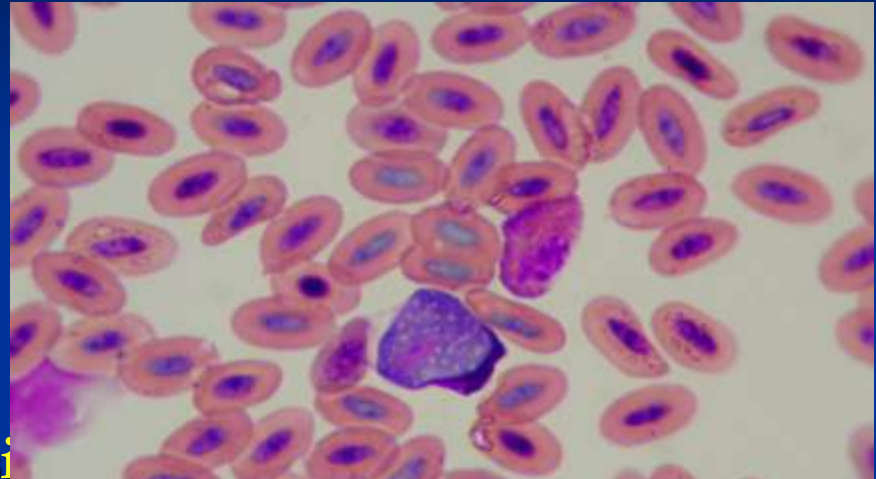
Lactate - Fluorid

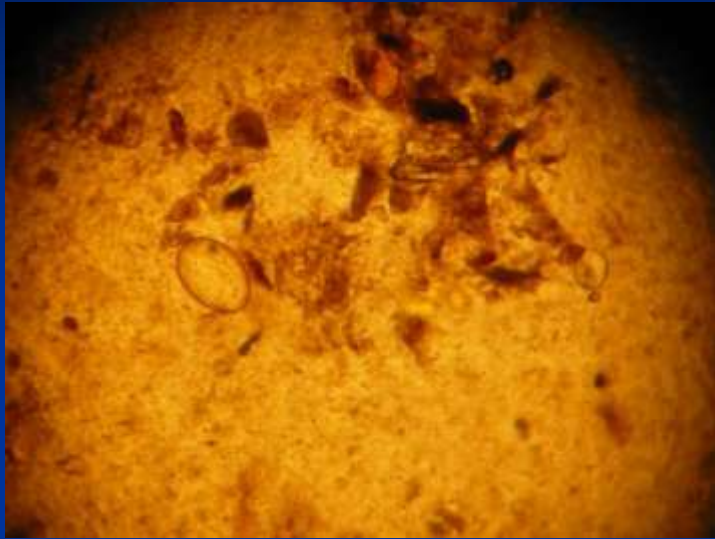
Transfusion - Citrate



Haematology – Quick Screen

- parasites
- reactive lymphocytes and thrombocytes
- leucocytosis with heterophilia
- monocytosis, lymphocytosis
- toxic heterophils





Rehydration



Symptoms:

- enophthalmus
- dry skin and thick droppings
- elevated PCV, TP

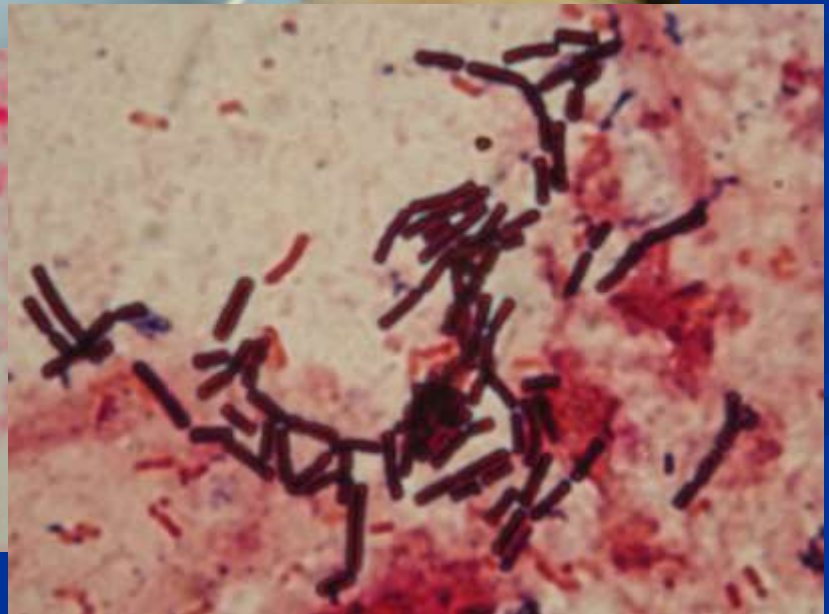
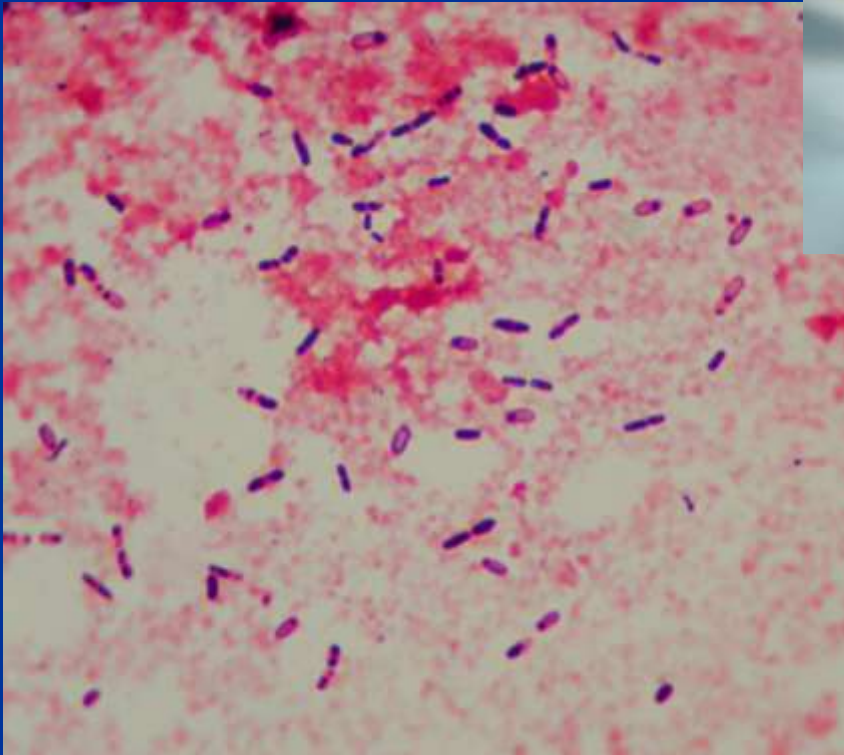


Rehydration:

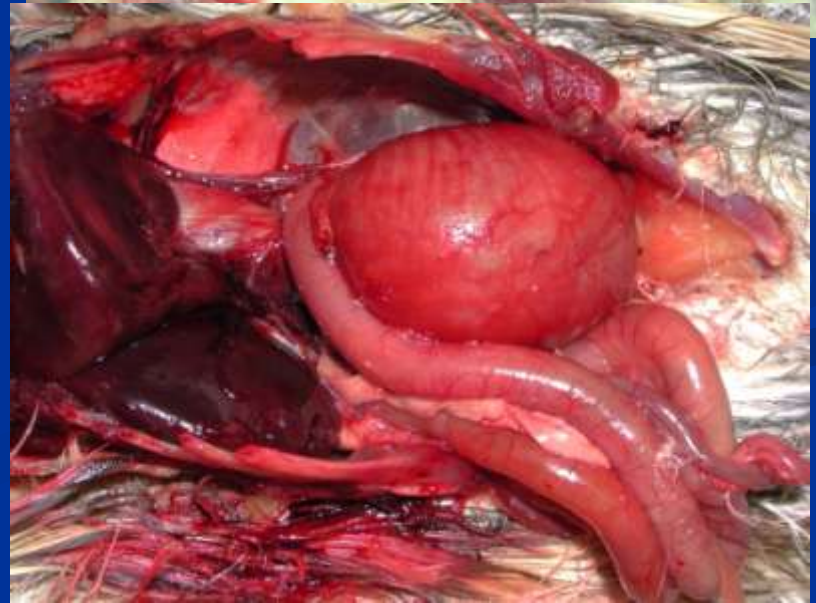
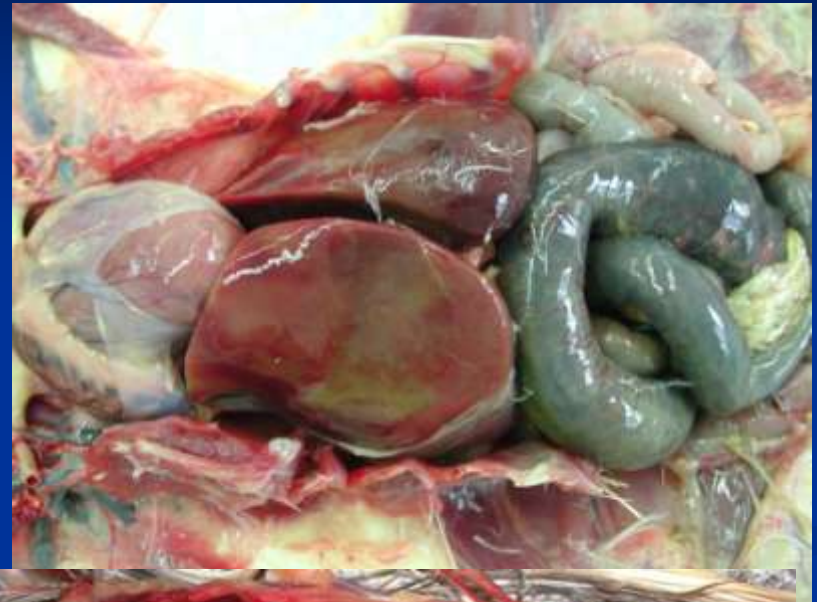
- SC, IV, IO, per os
- NaCl
- LRS
- 5% Dextrose + Electrolytes

Cytology

- Crop (Candida, Trichomonas)
- Faeces (Clostridia, G+ : G-)
- Biopsy (fungus, bacteria)



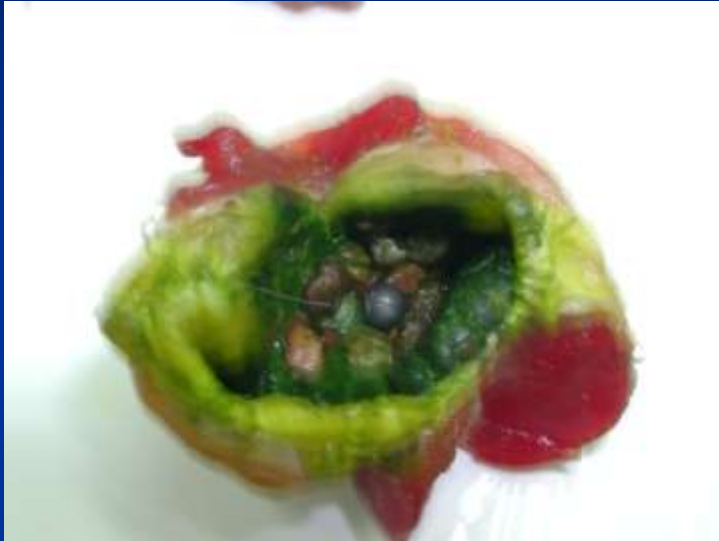
Acute cases - Alimentary system



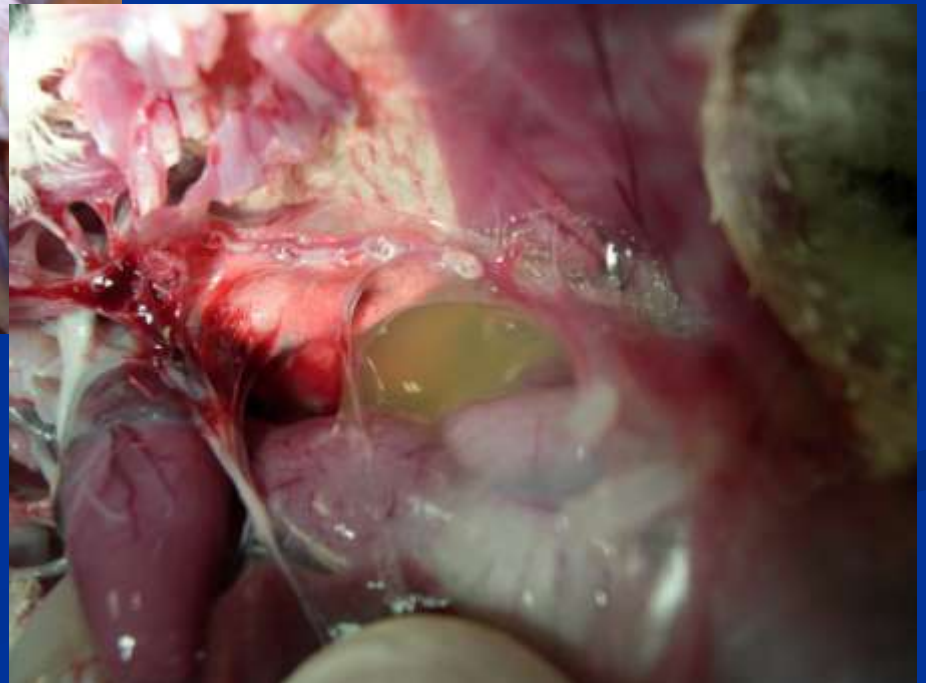
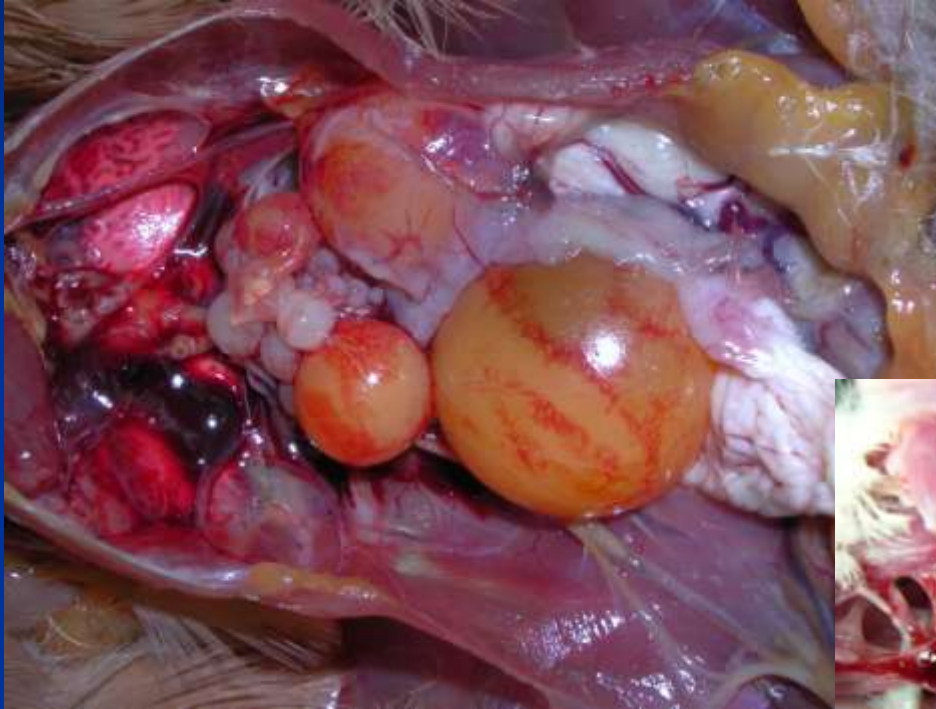
Acute cases - Alimentary system



Acute cases - Pb poisoning

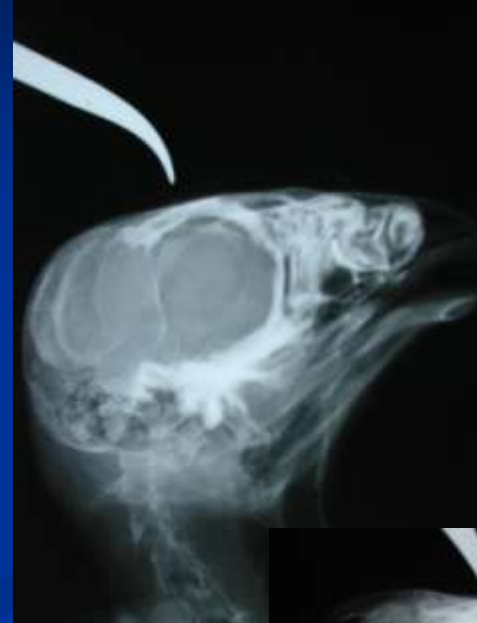


Acute cases – Egg peritonitis



Acute cases – Respiratory system

- sinusitis



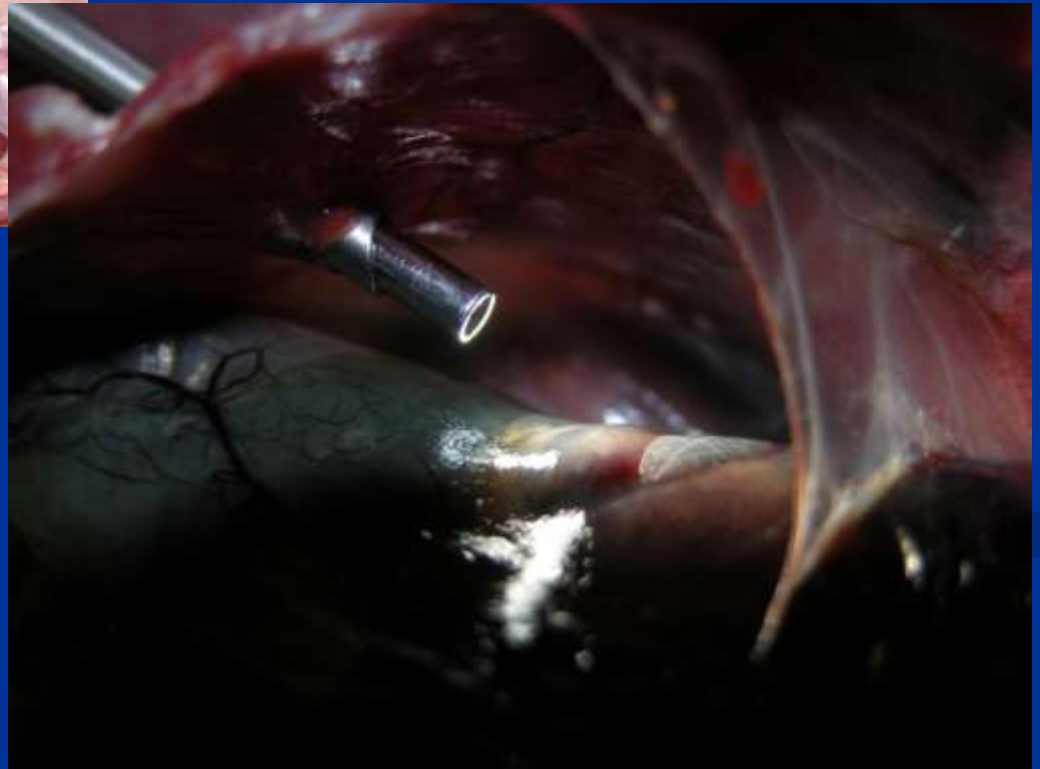
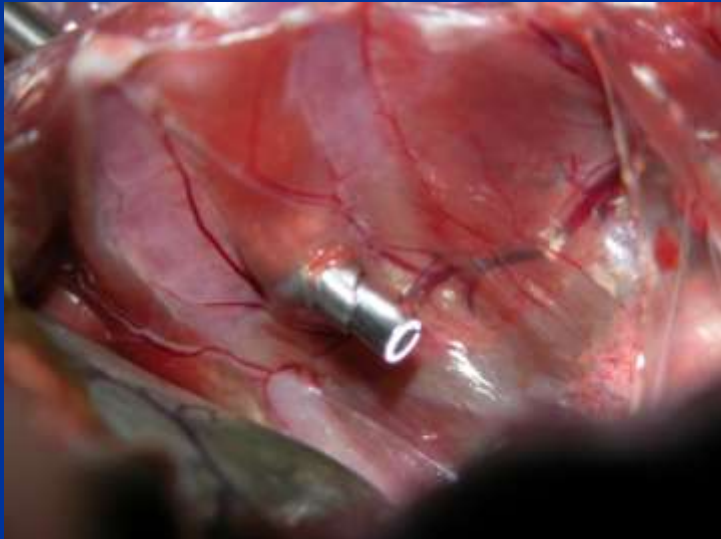
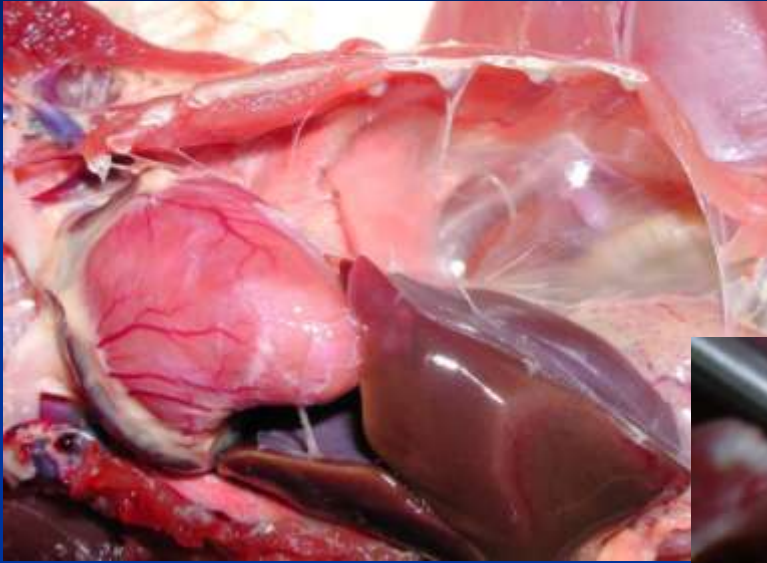
Sinusitis -treatment



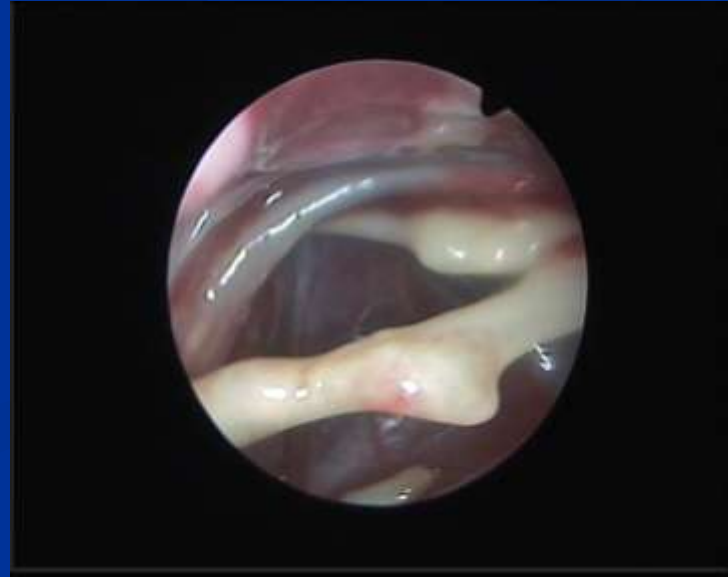
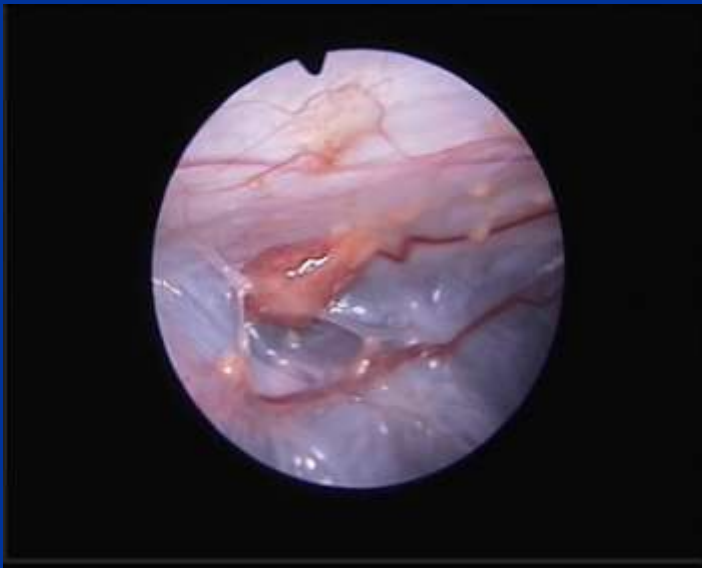
Aspergillosis - Endoscopy



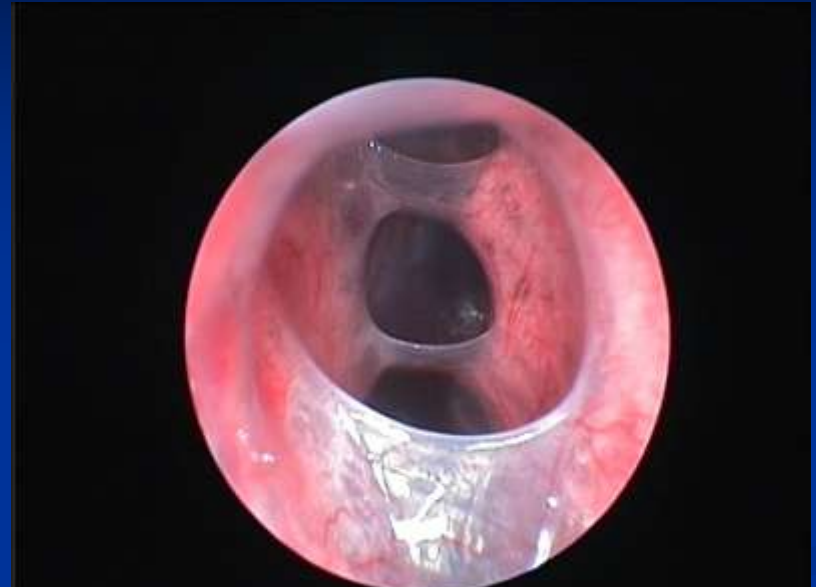
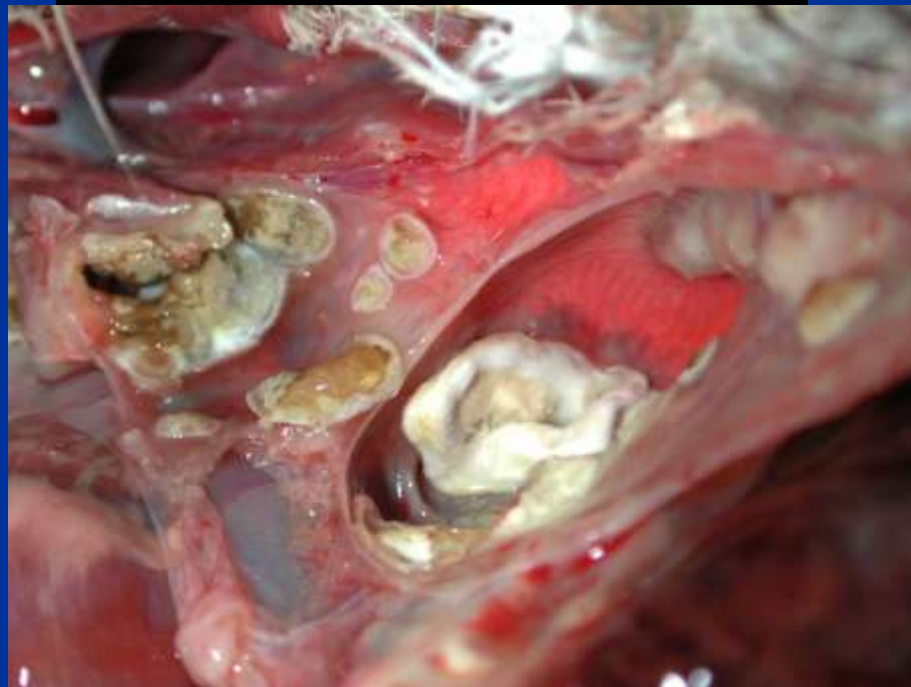
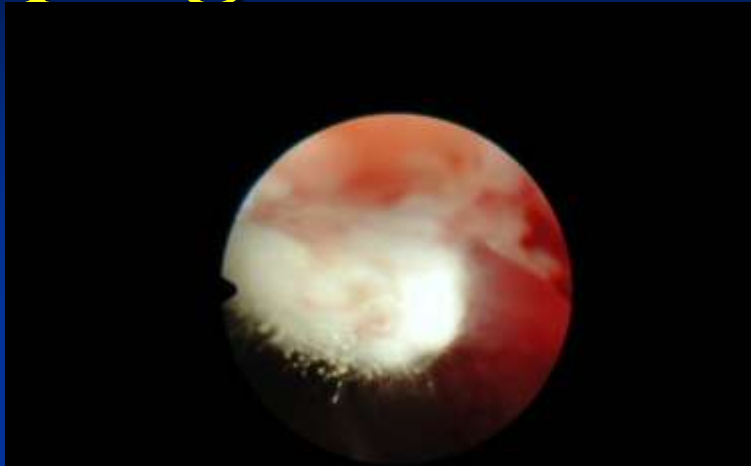
Aspergillosis-Endoscopy



Aspergillosis – Cases 1



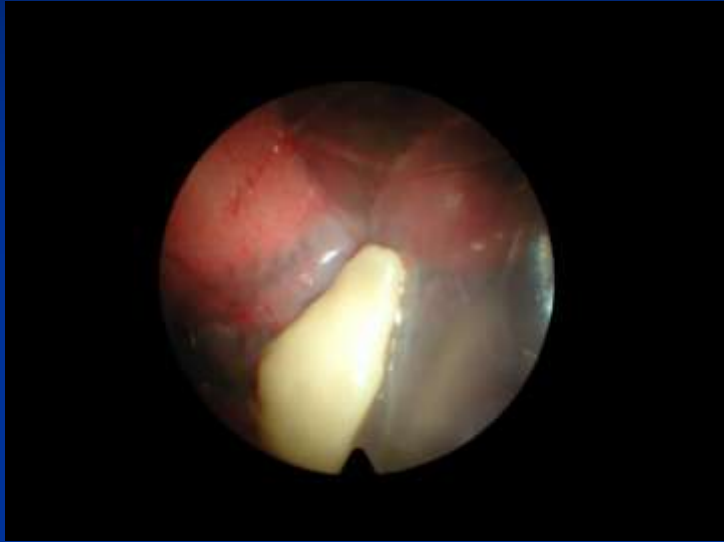
Aspergillosis – Cases 2



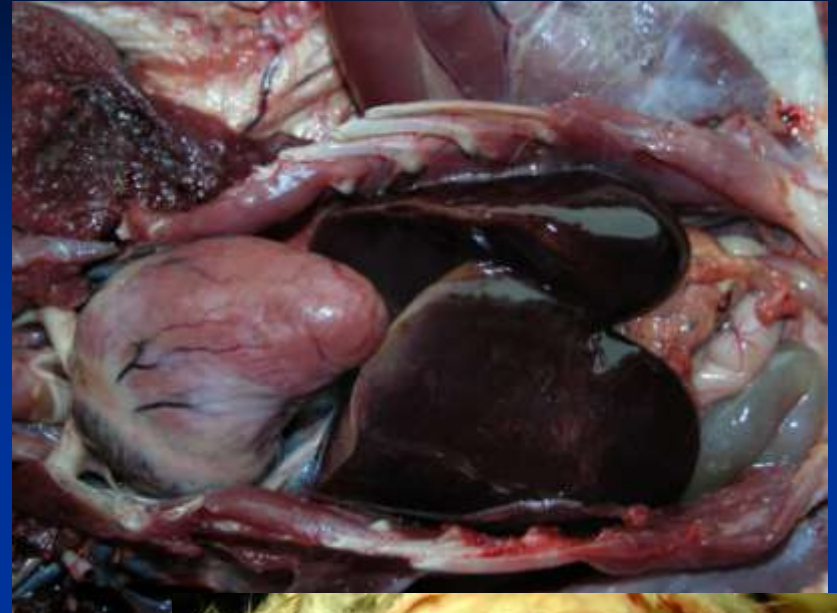
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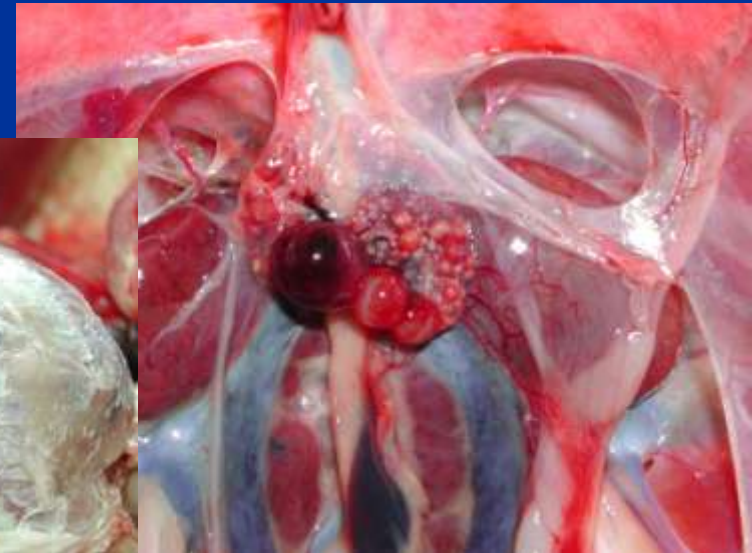
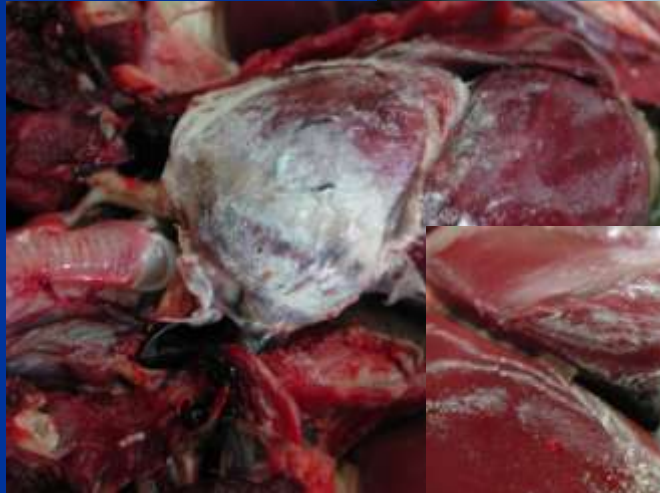
Aspergillosis - treatment



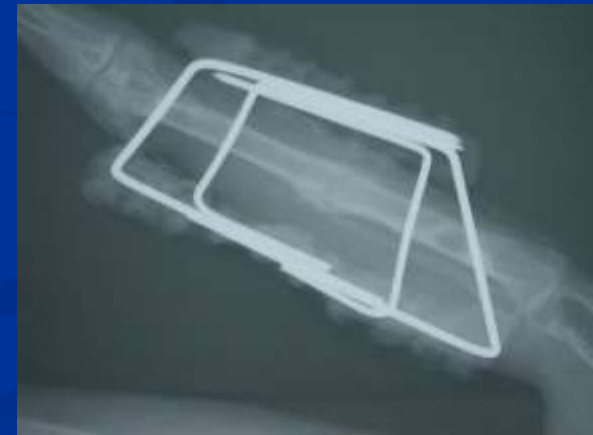
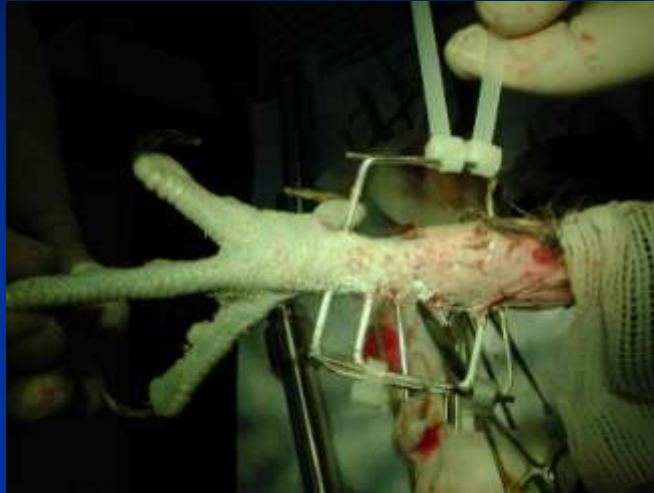
Liver



Urate gout



Fractures 1

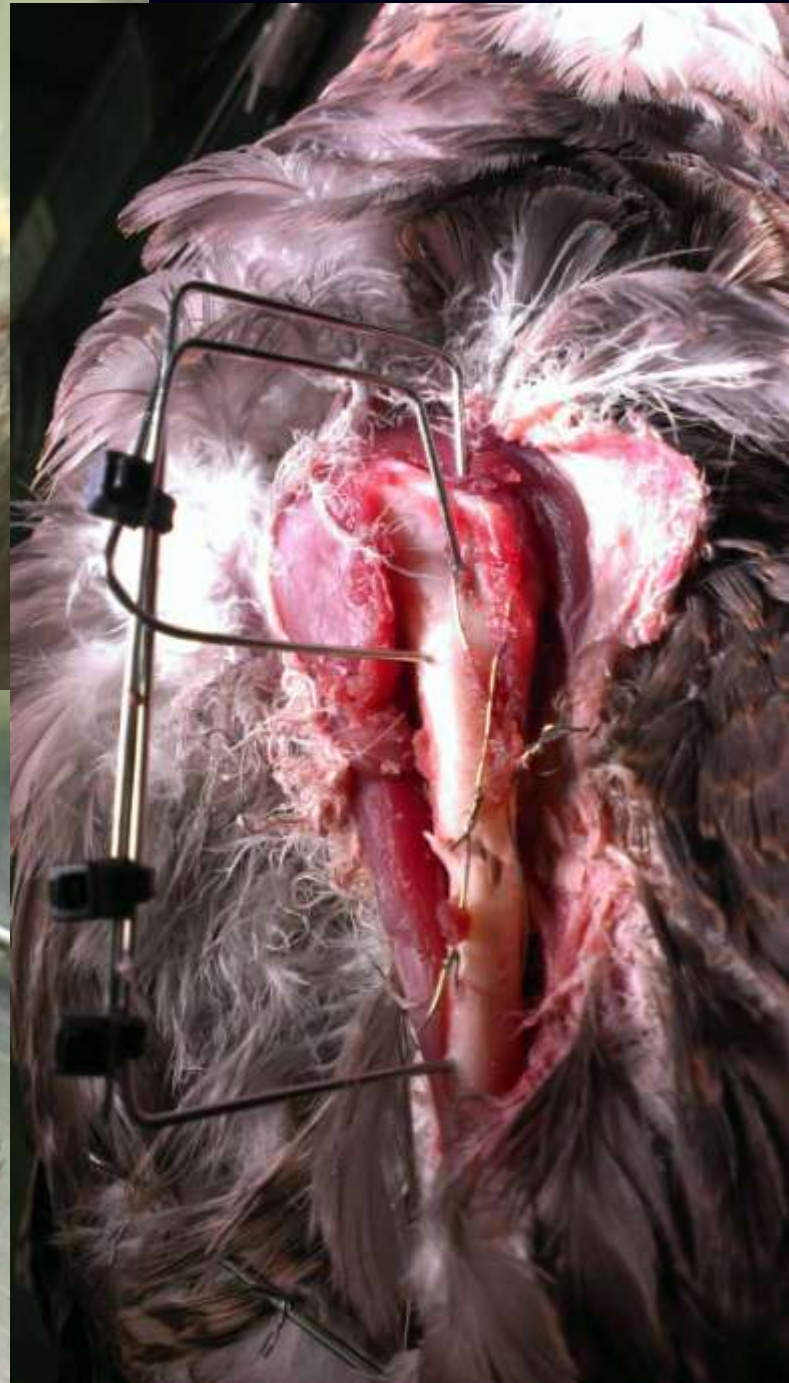


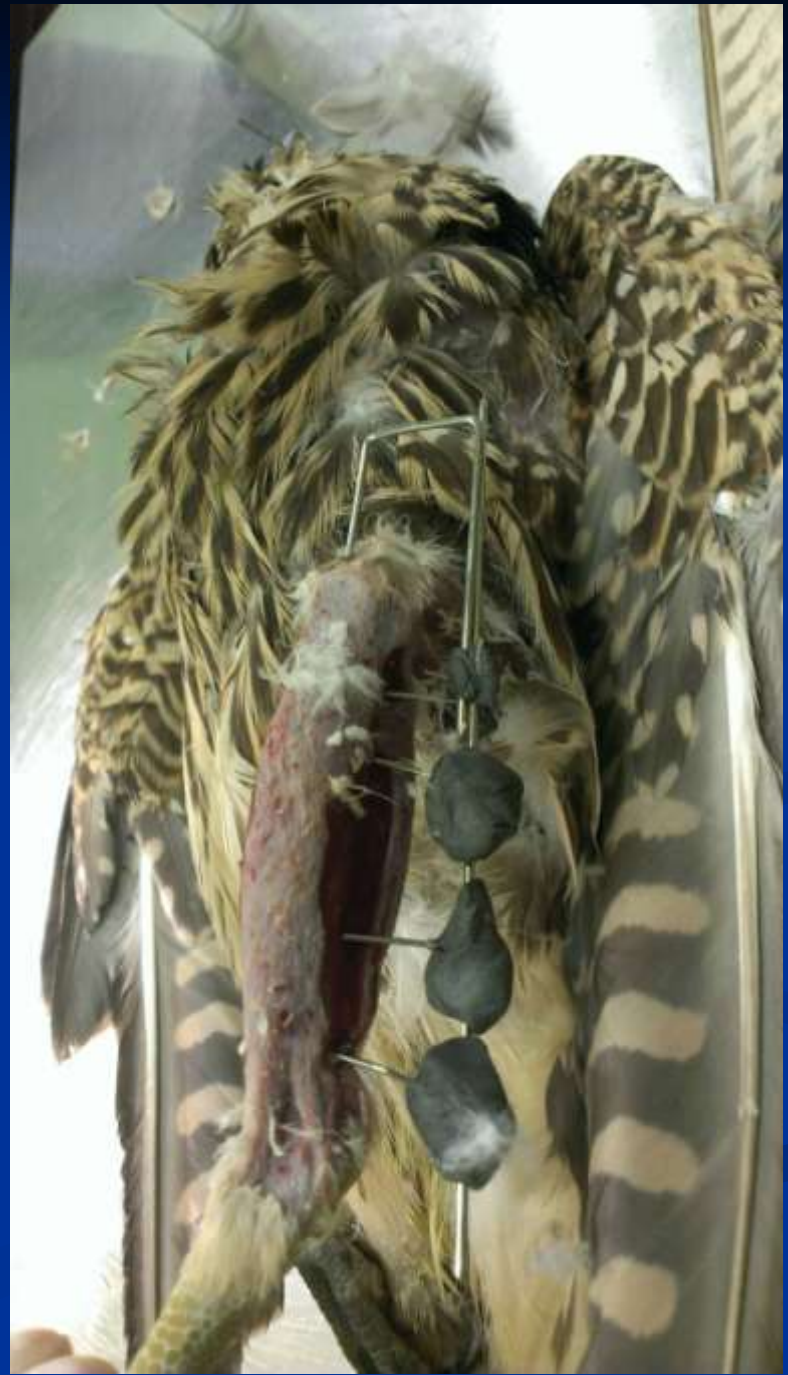
Fractures 2





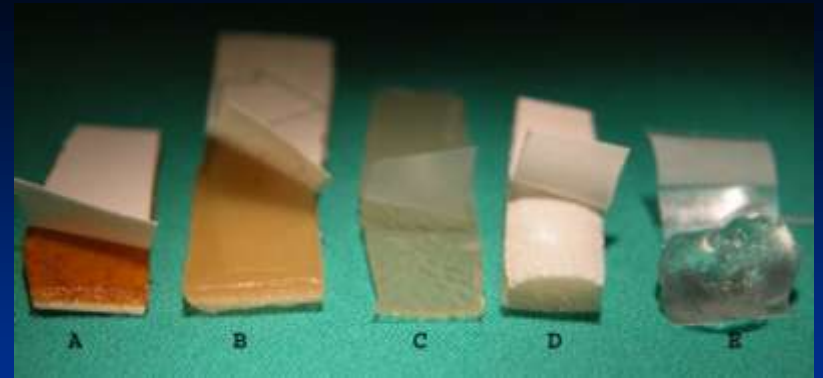




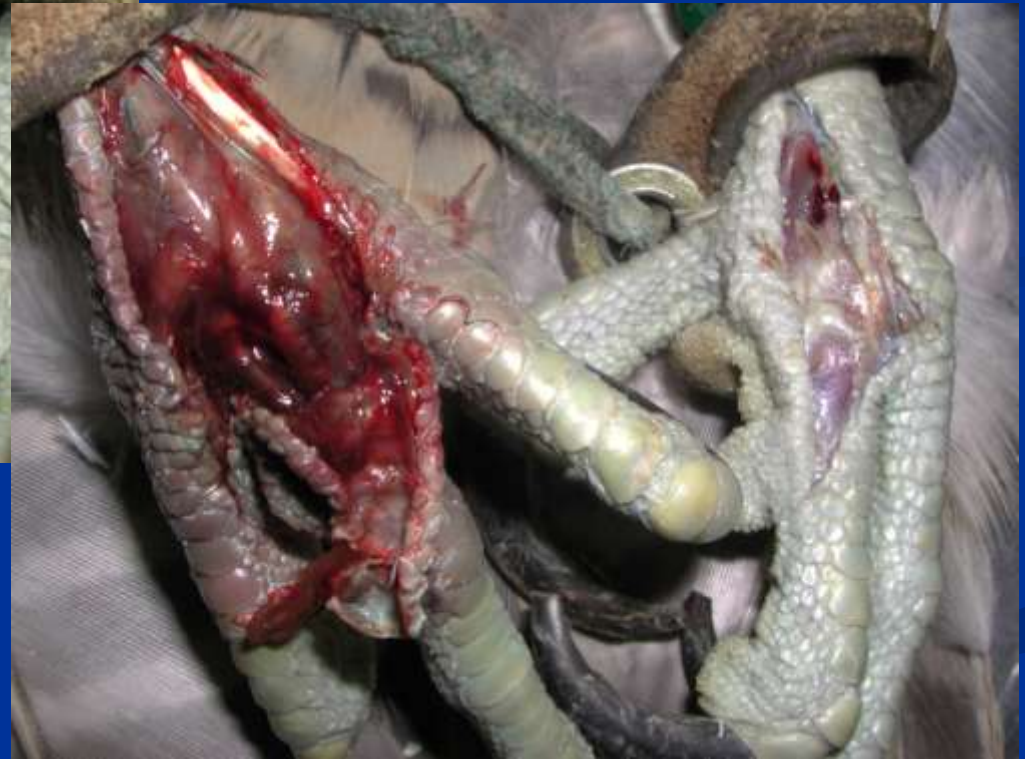




Trauma



Snake bite wounds- Uštipnutie vretenicou



Popálenie a odumrenie tkaniv po poraneni na elektrickom vedeni



- Poškodenie a deformita „zbraní“

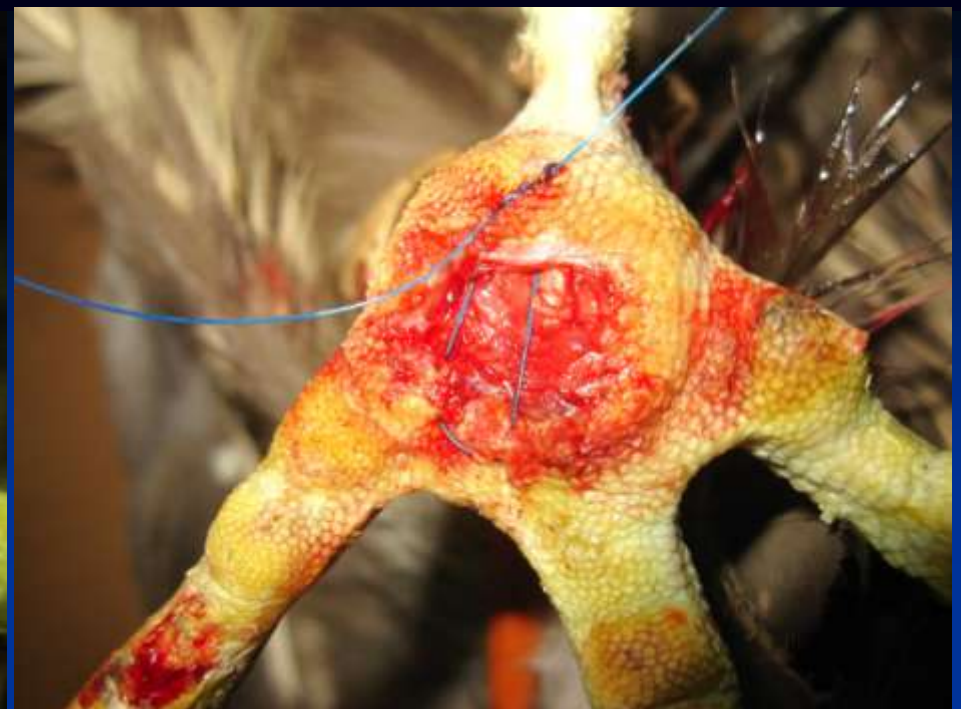




Otlaky

a ich operačné riešenie



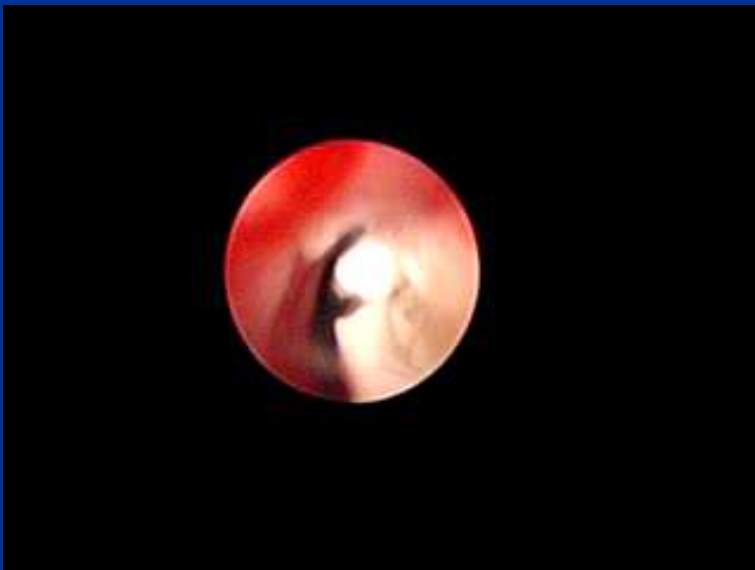
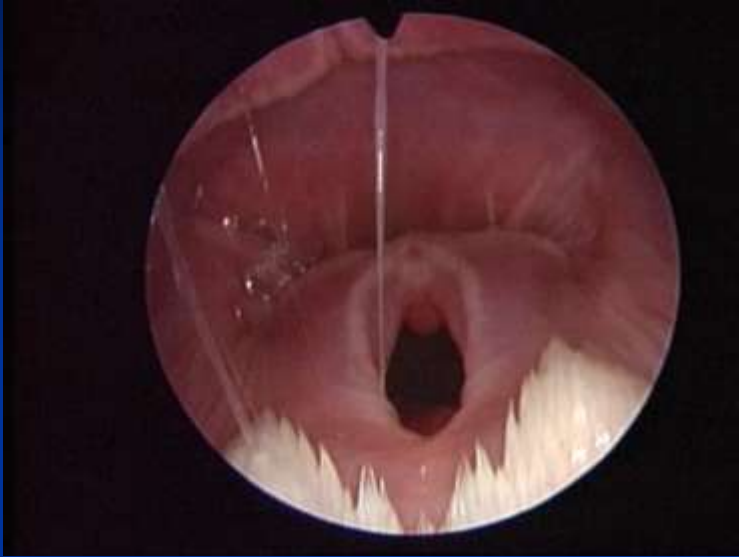


Ochorenia Nervoveho systému

- paramyxovirusove infekcie
- otrava olovom



Trachea, Lungs - Endoscopy



Airsacs Endoscopy

