

403rd CSVP Contributor Diagnosis

Date: Apr 19, 2024

Time: 12 : 00~16 : 00

Place: NCHU

專題演講(10:30~12:00): 病理獸醫師處理動保案件經驗分享-簡介基礎獸醫法醫學 (林正忠 老師)

本次會議組織病理切片資訊 : <http://140.120.114.107/slidecenter.php?id=542>

切片名稱 : Case 1. NTU2023-807A

Case 1. CSVP 2024-3230 (NTU2023-0807, NTU GIMCP, H.H. Yeh, D. Nammuang, and W.H. Huang)

Common musk turtle (*Sternotherus odoratus*), male, 18-year-old. The patient that had normal activity but smaller size compared to others was found upside down and dead in the bottom of the pond. Gross examination revealed diffuse edema all over the patient's body and limbs. Two large yellow masses were found on the left side of the body cavity (size 3x3x3 cm and 5x5x5 cm). Cross-sectioning revealed yellow contents inside the two masses.

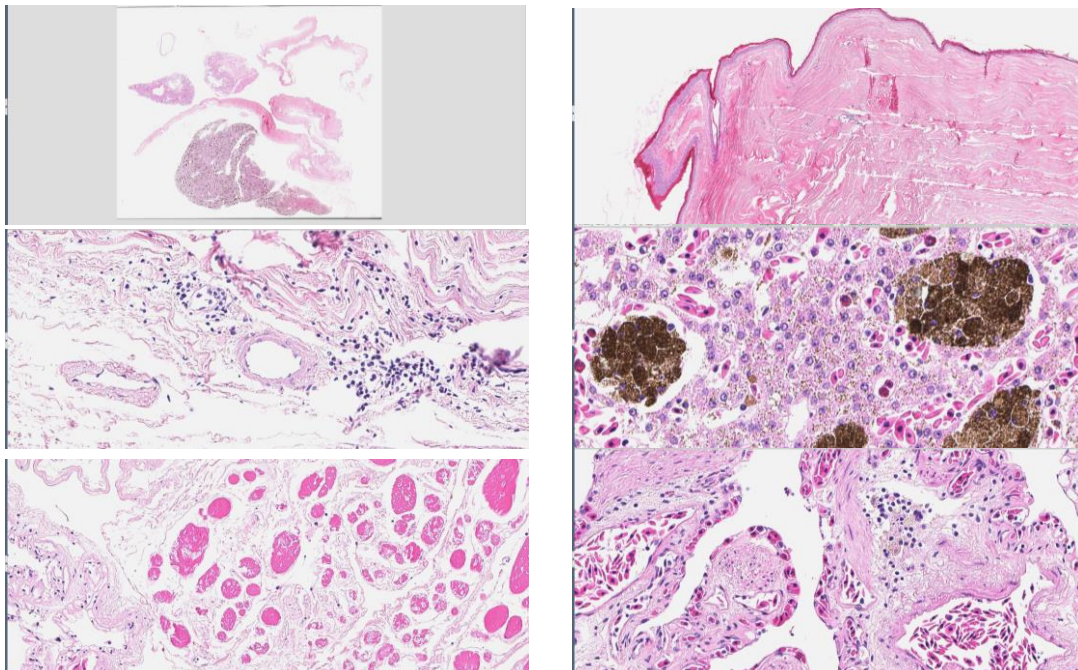
Morphologic diagnosis :

Cyst: Epidermoid cyst, with inflammation, two masses in body cavity

Lung: Congestion, diffuse, moderate, acute

Liver: Hyperplasia, melanophagic center, diffuse, mild, chronic

Trachea: Lymphocytosis



Lab. examination:

1. MT (+)

Dx: Epidermoid cyst in a Common musk turtle

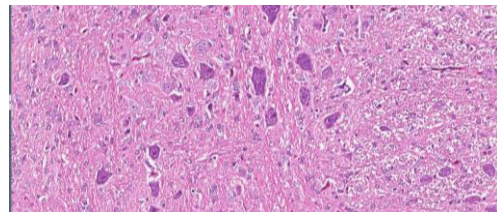
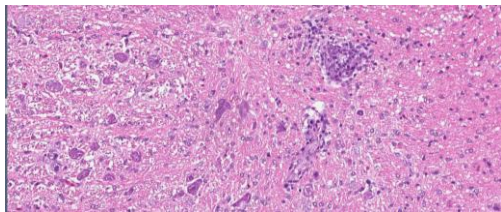
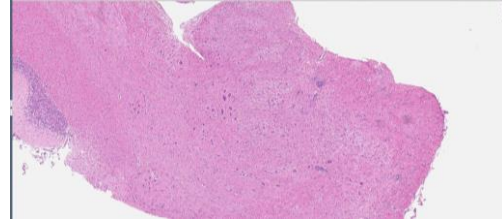
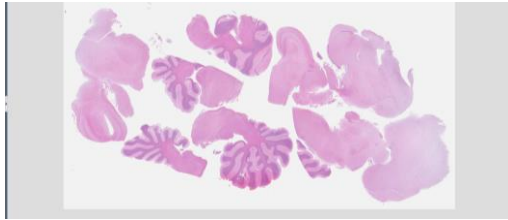
切片名稱：Case 2. CX23017

Case 2. CSVP 2024-3231 (CX23017, ADDC NCYU, E.Z. Chang, J.M Lai, and D.Y. Lo)

Red-feathered country chicken, 3~4-day-old, showed signs of prostration, lameness and neurological symptom. The prevalence was 0.7 %.

Morphologic diagnosis :

Brain: Encephalitis, lymphohistiocytic, and central chromatolysis, multifocal, chronic, severe



Lab. examination:

RT-PCR: AEV positive

Dx: Avian Encephalomyelitis in Red-Feathered Native Chicks

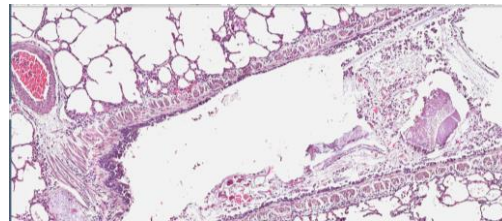
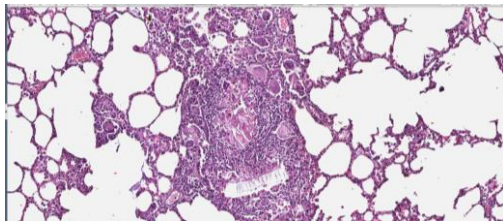
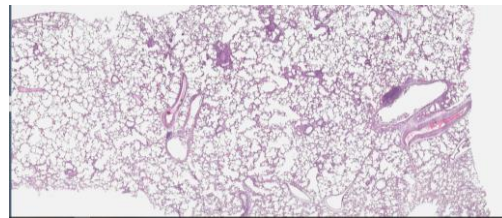
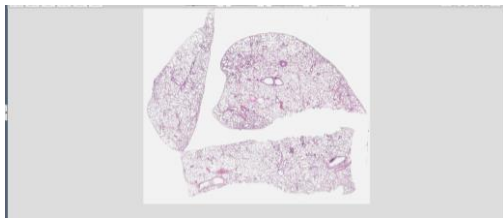
切片名稱：AP2023-0925

Case 3. CSVP 2024-3222 (AP2023-0925, AU PBVM, P.R. Lai, Y.L. Huang and C.H. Yang)

Rabbit, *Oryctolagus cuniculus*, one-year-old, spayed female. The rabbit showed sudden death after feeding with clinical signs of wheezing and acute respiratory distress.

Morphologic diagnosis :

Lung: Bronchopneumonia, granulomatous, multifocal, mild, chronic-active, with plant foreign bodies.



Lab. examination:

Dx: Recurrent Regurgitation Induced Choking To Death

切片名稱：Case 4. YL24-164B

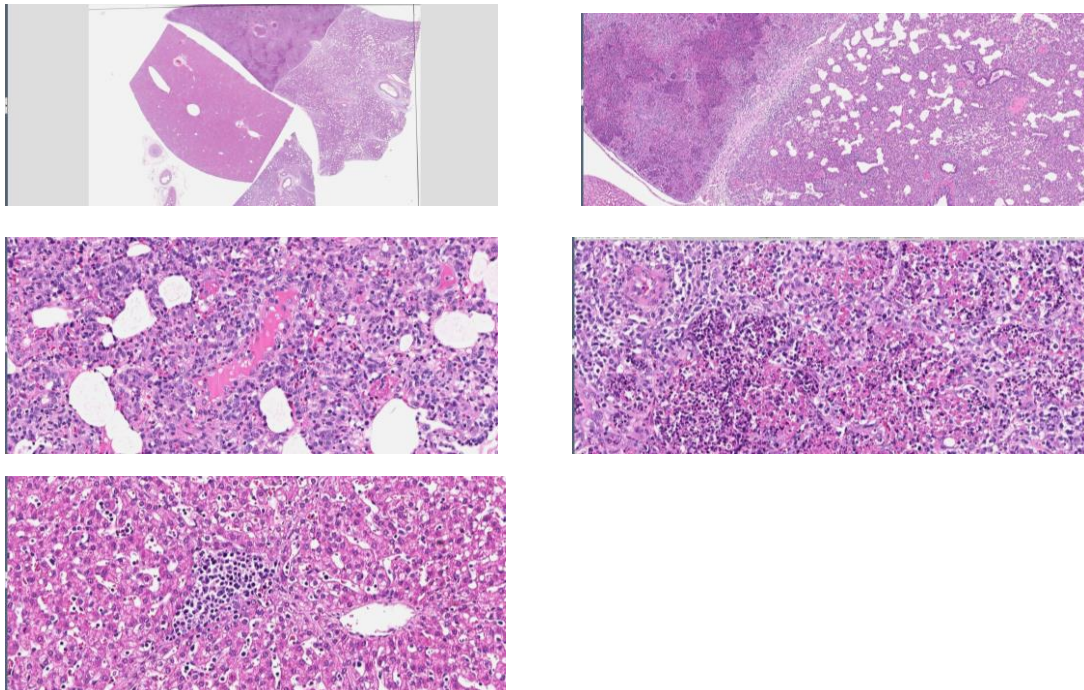
Case 4. CSVP 2024-3233 (NTUYL2024-163, CEVA C., Ltd., N.K. Yu, T.H. Hsu, L.W. Tseng, and C.W. Chang)

Pig, 8-week-old. The incidence rate is 70%, and the mortality rate is 20%. Clinical symptoms include fever, depression, wheezing and coughing.

Morphologic diagnosis :

Lung: Bronchopneumonia, necrotizing, lymphoplasmacytic, proliferative, interstitial diffuse, moderate to severe, chronic active, with type II pneumocytic hyperplasia

Liver: Glycogen accumulation, multifocal, mild, acute



Lab. examination:

Serum: PRRSV-strain NADC30/34-like (+)

Dx: Porcine Reproductive and Respiratory Syndrome in nursery pigs

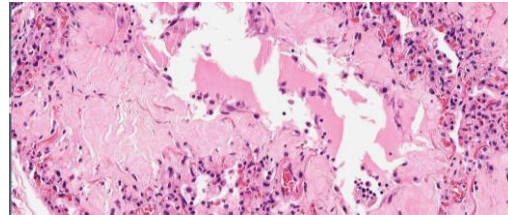
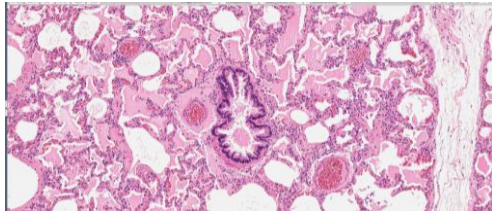
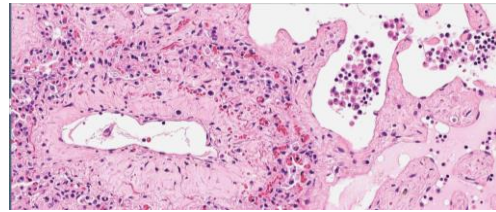
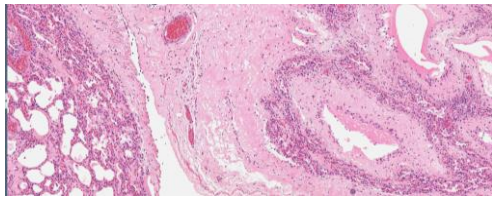
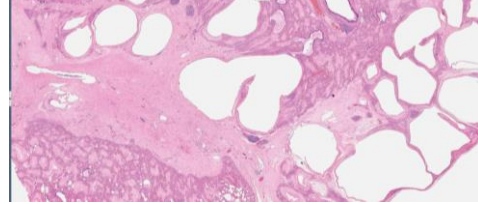
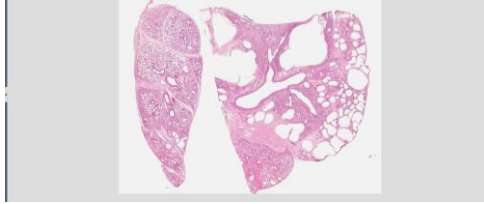
切片名稱：2023-305-12

Case 5. CSVP 2024-3234 (2023-305-12, VRI, YC Tu, SC Hu, and YW Chen)

Formosan pangolin, *Manis pentadactyla pentadactyla*, adult, male, was rescued due to trap injury. The health status was getting worse, and cannot survive after half year retention

Morphologic diagnosis :

Lung: Cystic formation, locally-extensive, severe, with interstitial pneumonia, moderate, diffuse.



Lab. examination:

MT: Lung (+)

Dx: Diffuse cystic lung disease and Undetermined interstitial pneumonia

切片名稱：CP23-12002A

Case 6. CSVP 2024-3235 (CP23-12002, ADDC NCHU, S.L. Jan, C.P. Huang, and S.C. Ou)

Native chickens (*Gallus gallus domesticus*), 8 week-old, showed signs of lameness, weakness, and growth retardation. The morbidity was 2% (160/8000), and mortality was 1.5% (120/8000), respectively.

Morphologic diagnosis :

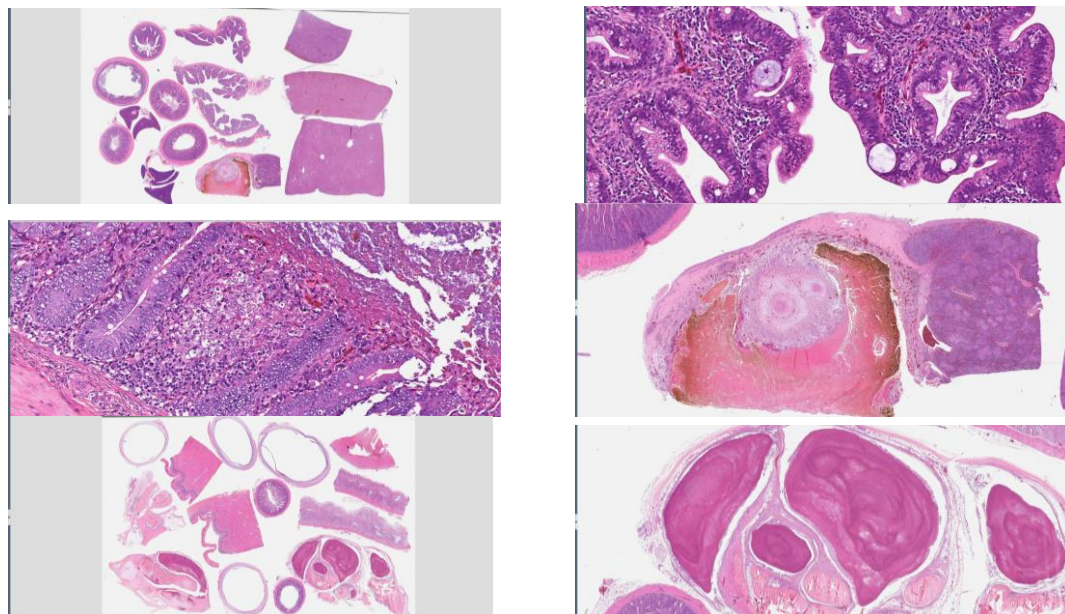
Tarsal joint: Tenosynovitis, pyogranulomatous, diffuse, chronic-active, severe, with vasculitis

Trachea: Tracheitis, lymphoplasmacytic, diffuse, moderate, with deciliation

Bursa: atrophy, diffuse, subacute to chronic, severe, with lymphoid depletion, bursa of Fabricius

Cecum: hematoma, focal, chronic, severe, with vasculitis and intra-lesional bacterial colonies

Spleen: hematoma, focal, chronic, severe, with vasculitis and intra-lesional bacterial colonies



Lab. examination:

Bact.: Hock and wing joints = *Mycoplasma* sp (+); Liver and liver capsule = *Escherichia coli* (+)

PCR:IBD, MS (+)

Dx: Coinfection of *Mycoplasma synoviae* and Infectious Bursal Disease Virus in Native Chickens