

Different Poultry Diseases with Postmortem Lesions

1. IBD:

- PM:
 - Bursa swollen, hemorrhagic and prominent folds.
 - Hemorrhage on thigh and breast muscle.
 - Caseous mass on bursa.
 - Hemorrhage on lining of proventriculus.
 - Kidney pale and hemorrhagic.

2. ND

- PM:
 - Hemorrhage in tip of proventricular gland.
 - Button ulcer in intestinal mucosa and cecal tonsil.

3. AI

- PM:
 - Cyanotic comb and wattle
 - Congestion and hemorrhage on legs.
 - Hemorrhage in abdominal fat and sometimes base of heart.
 - Trachea Hemorrhagic and nasal mucous present.
 - Respiratory sound present.

4. Marek's

- PM:
 - Enlarged liver and spleen
 - Nodule in liver.
 - Paralysis of legs and wings.
 - Nodule on feather roots, swollen sciatic nerve and nerve plexus.
 - Ulceration in proventricular gland and sometimes hemorrhagic.

5. IB

- PM:
 - Caseous and serous exudate in nasal passage.
 - Cloudy and yellow caseous exudates in air sac
 - Kidney become swollen and pale.
 - Fluid or cyst in abdominal cavity.

6. ILT

- PM:
 - Trachea Hemorrhagic, mucous present.
 - Eyelid swollen, eye discharge, nasal discharge.
 - Respiratory problem in live bird.

7. Pox

➤ PM:

- Pock like lesions in comb and wattle.
- Internal pock lesions found in case of visceral form of pox infection.

8. Salmonellosis

➤ PM:

- Misshapen (Stock formation) ova in ovary.
- Necrotic foci in liver.
- Interference of yolk absorption, yellow caseous mass within abdominal cavity.
- Pasting vent, wet feather due to diarrhea.
- Intestinal hemorrhage.

9. Colibacillosis (E.coli infection)

➤ PM:

- Fibrin (Soft) layer over liver and around heart.
- Interference of yolk absorption, yellow caseous mass within abdominal cavity.
- Pasting vent, wet feather due to diarrhea.
- Intestinal hemorrhage.

10. Egg yolk peritonitis/Omphalitis : Mixed lesions like Salmonella and E.coli.

11. Infectious Coryza

➤ PM:

- Discharge from nasal passage and sinus
- Edema in face, Comb and Wattle.
- Mucous on trachea.

12. Fowl Cholera

➤ PM:

- Hemorrhage in abdominal fat and sometimes base of heart.
- Respiratory sound present.
- Greenish feces,
- Focal necrosis and bronze color liver.
- Sometimes Hemorrhage in tip of proventricular gland like ND.

13. Necrotic Enteritis (Clostridial infection)

➤ PM:

- Orange color feces, Sometimes gas bubble present on feces.
- Gas formation within jejunum and ileum.
- Intestine hemorrhagic.

14. Ascitis

➤ PM:

- Fibrin (Soft) layer over liver and around heart.
- Yellow fluid present in abdominal cavity.
- Intestine hemorrhagic.
- Kidney swollen.

15. Coccidiosis

➤ PM:

- Hemorrhage and necrosed cecum, feces (just like gor or bloody).

16. Mycoplasmosis/CRD

➤ PM:

- Air Sac cloudy.
- Mucous on trachea.
- Lung congested.

17. CCRD

➤ PM: Lesions found both Mycoplasmosis and colibacillosis.

18. Gout

➤ PM:

- White crystal over liver and around heart.
- Crystal on lung, kidney.
- Kidney swollen.

19. Brooder Pneumonia

➤ PM:

- Nodule in lung and congested.
- Laboured breathing.

20. Worm (Endo parasite) Infestation

➤ PM:

- Round or Tape worm within intestine.
- Intestine hemorrhagic.

21. Ectoparasite Infestation

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