



**Lecture title: Post mortem Inspection(Viscera Inspection)**

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**Summary:**

- A) Viscera : organ found in the thoracic , abdominal , pelvic cavities Including trachea and Oesophagus**
- B) Offal : is fresh meat other than of the carcass naturally attached to carcass e.g Kidney , spleen**

**1) Viscera in thoracic cavity**

- **pluck (Oesophagus , trachea , lung , heart , liver )**

- **Oesophagus : view**

**Abnormalities : sarcocyst**

**\* trachea and lung : view and palpate and opened by transverse incision if need**

**Lymph nodes : position ( p )**

**A) Bronchial L . N**

- 1) Left B . L.N : Large size on the origin of the left bronchus**
- 2) Right B . L.N : small size and not present in 25 % of case on the origin of the right bronchus**

**B ) Mediastinals L.N : chain of L.N more than 20 cm**



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**1) Anterior M.L.N : before . bifurcation of bronchus**

**2) Posterior M.L.N : after bifurcation of bronchus**

**Drainge area ( D ) : Lung , pleura, heart , pericardium**

**Abnormalities : Lung worm , pneumonia ,T.B ,Hydate cyst, tumours , petechial blood Aspiration**

- **Heart : view and Length wise incisions from base to apex  
Heart Muscles if need**
- **Abnormalities : Hydro pericardium , C .bovis , Fibrinous  
Myocarditis**
- **Liver : view and palpate both sides and opened large bile  
ducts by incision if need**
- **Portal ( hepatic ) L.N  
( P ) ; embedded in fat at hilum of liver**

**( D ) ; liver**

**Abnormalities : Fatty change , JAUNDIC , abscess ,  
Hydatecyst , cirrhosis ( F.H)**

**3) Viscera in abdominal cavity**



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- **Gastra intestinal tract : view**
  - **Mesenteric L.N: large number of elongated nodes has dark colour**

**( P ) ; about 5 cm from Mesentery**

**( D ) ; small intestine**

**Abnormalities : Johes diseases, coccidia gastritis and enteritis  
( parasite , bacteria )**

**B ) offal :**

**\* spleen : palpate**

**Abnormalities : Anthrax , Leukaemia , Haematoma ,  
Necroticafoci**

- **Kidney : view and Incision if need**
- **Renal e L.N**

**( P ) ; in Fat at hilum of kidney**

**( D ) ; kidney and adrenal gland**

**Abnormalities : poly cystic kidney , white spotted kidney, Fatty  
change , Jaundics**