

**Methods of Killing birds for necropsy
And
carcass disposal**

Methods of Killing birds

There are different ways to kill birds and every way has its advantages and disadvantages

1. Cervical dislocation

The goal of cervical dislocation is to **sever the spinal cord and separate the vertebrae** so that the bird does not recover consciousness.



Cervical dislocation

Advantages:

1. Not expensive
2. Quick and used anywhere .

Disadvantages

- 1 - Damage the tissues of the body
- 2 - The possibility of suffocating the bird as a result of pressure on the trachea
- 3 - Causes bleeding brain

2 - Electric shock

By passing an electric current through the bird's body. Clamp in the front of the bird and another in the back of the bird 110 v /10 seconds.

Disadvantages

- ▶ Bleeding in kidneys

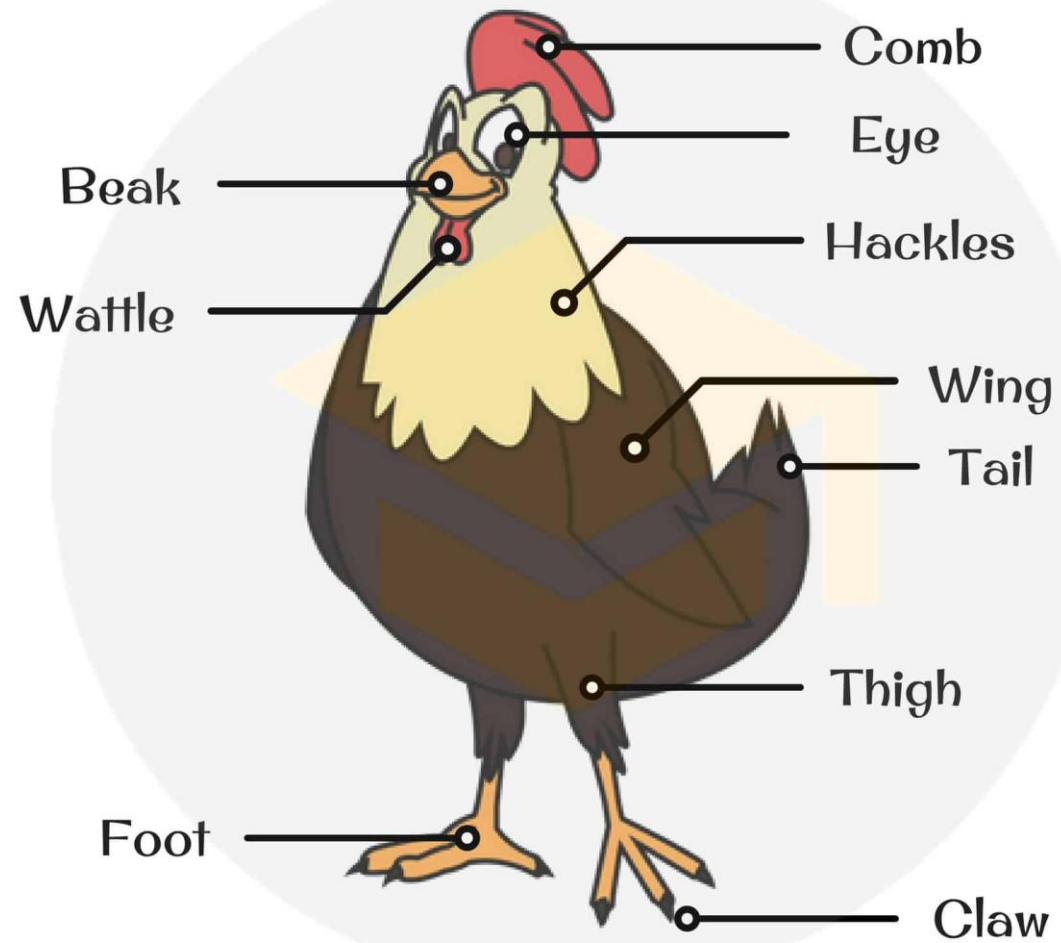
3 - injection of magnesium sulphate solution in the vein or heart.

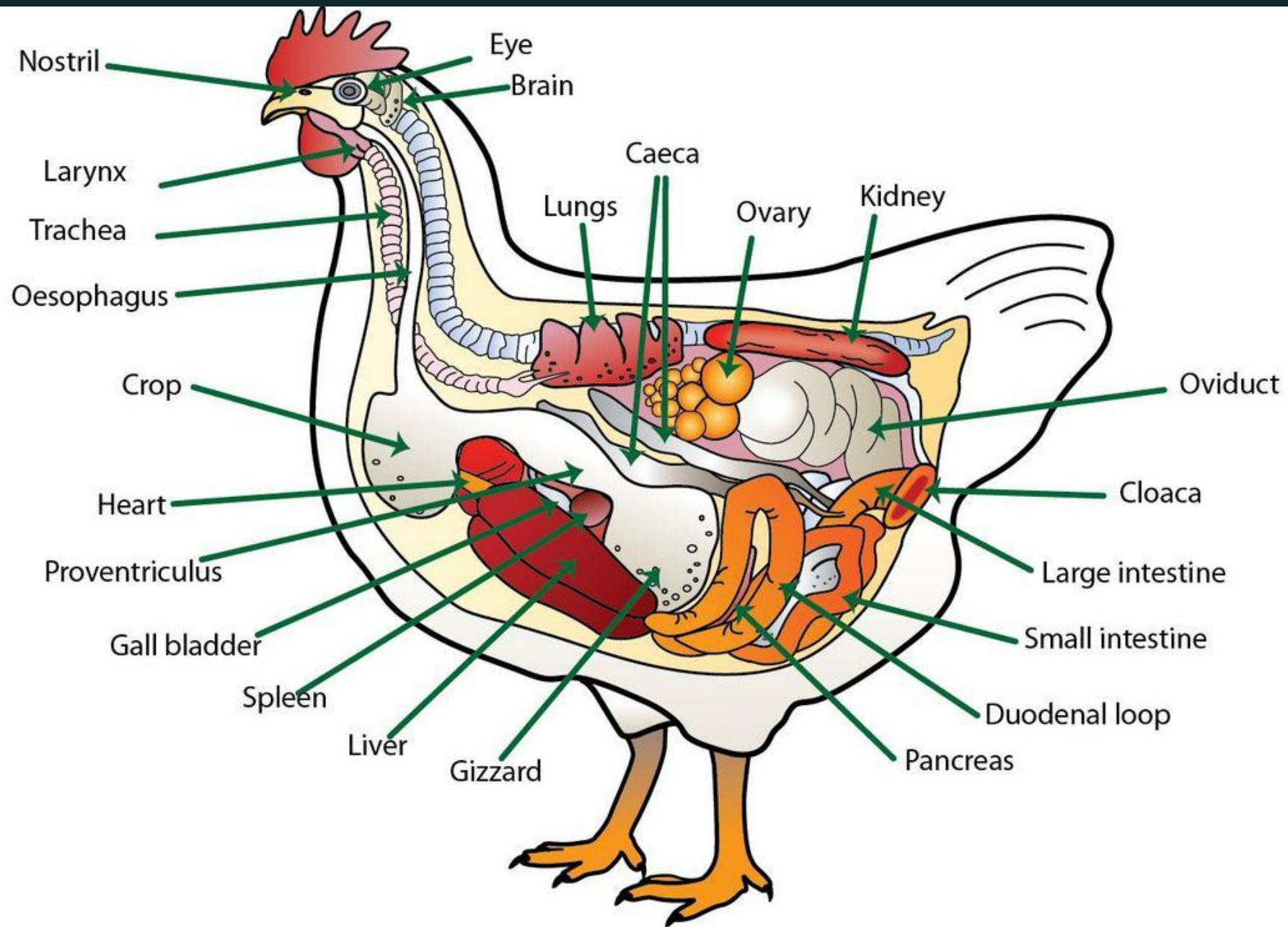
Disadvantages

- 1 - Affects the tissues of the body.
- 2 - Caused severe convulsions of birds

PARTS OF A CHICKEN

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Necropsy and carcass disposal

1- Wet down the feathers with a water or disinfectant solution .

2- Put the bird on its back & the head anteriorly .



3- Make an incision in the skin at **posterior end of the keel bone** .

4- Extended the incision to the right and the left side until reaching **the right & the left ribs** .

5- Remove the skin anteriorly until the neck .

6- Make an incision in the abdominal muscles to the right & left side .

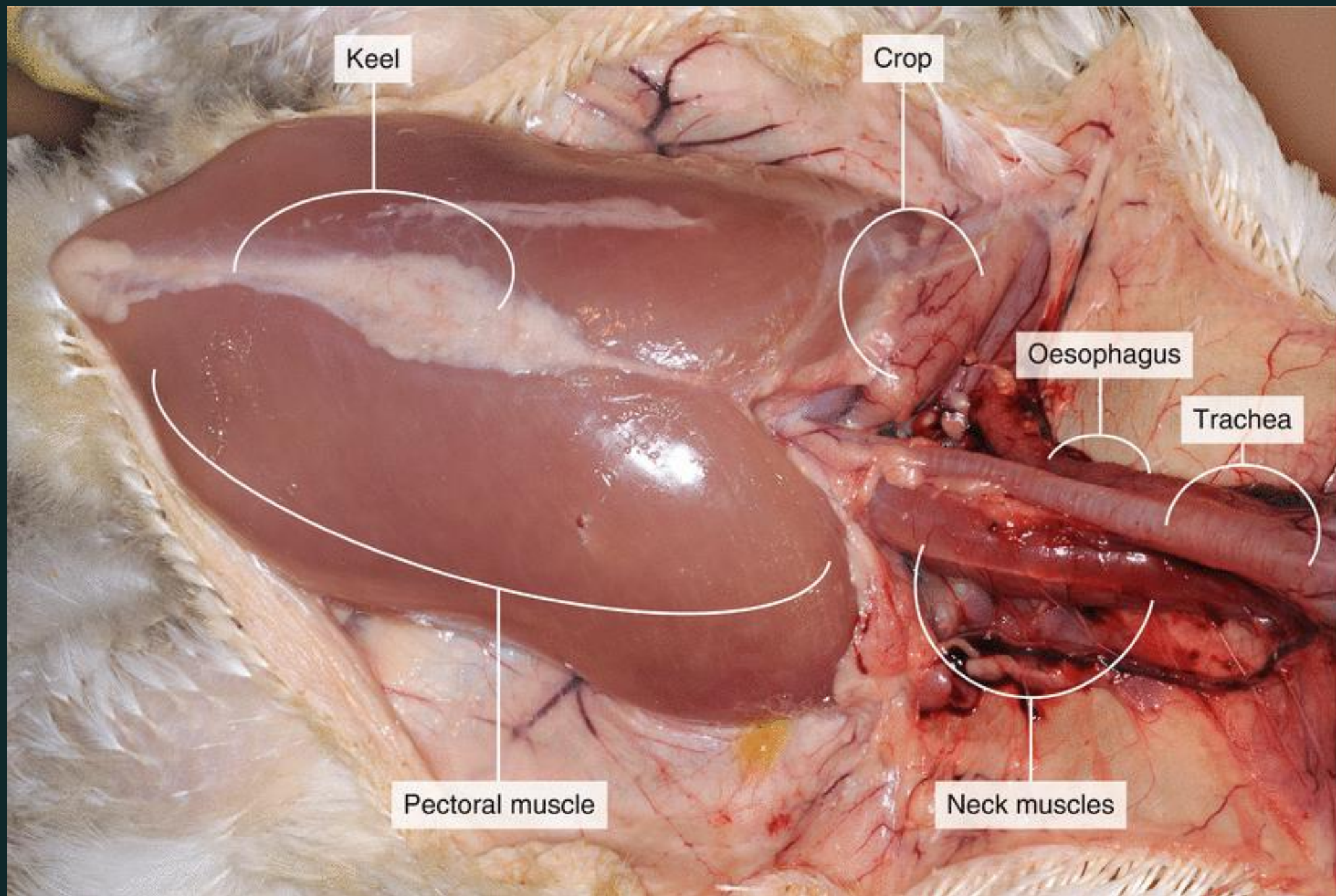
7- **Cut the ribs** on both sides .

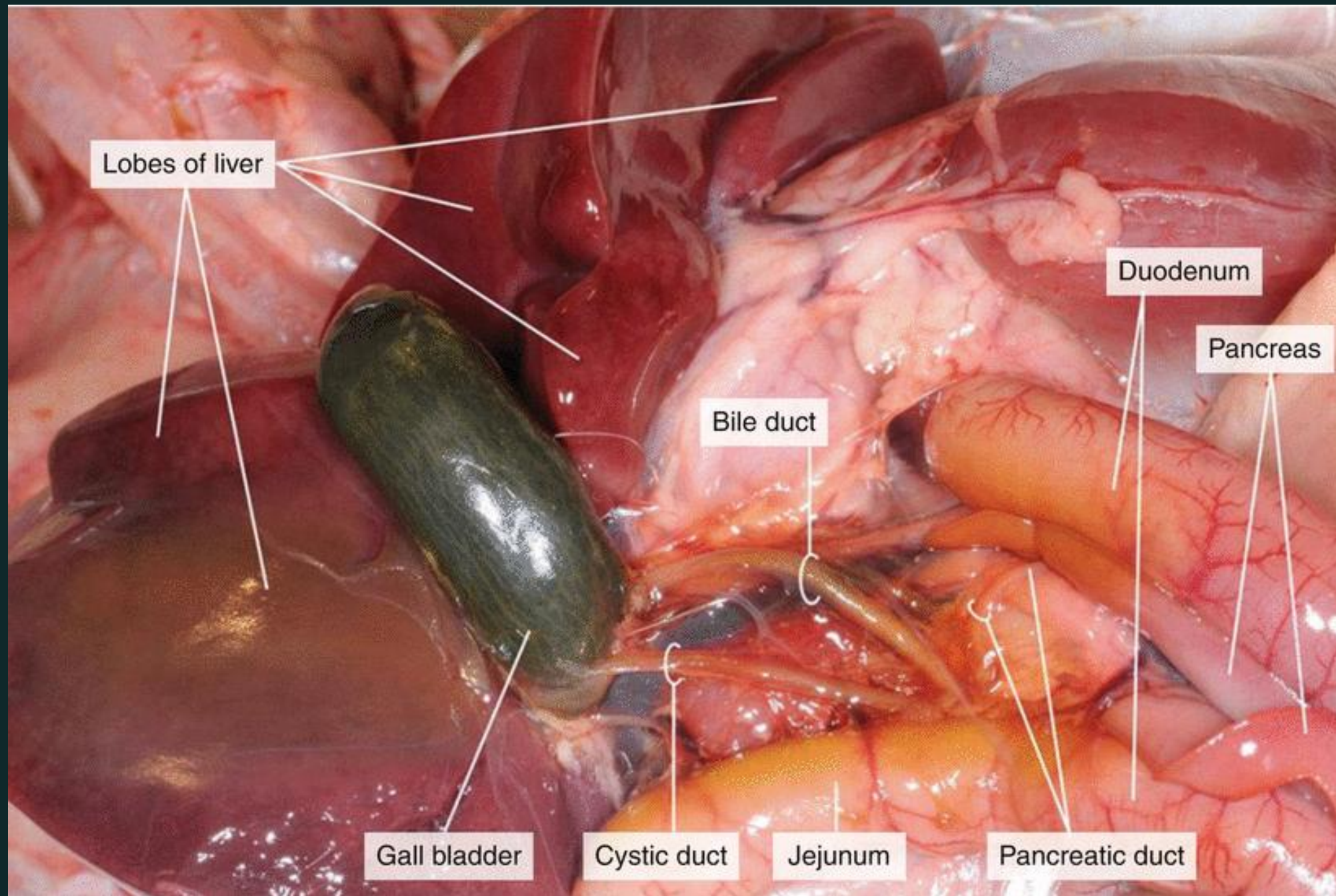
8- Expose the internal organs by removing & examine the breast muscle

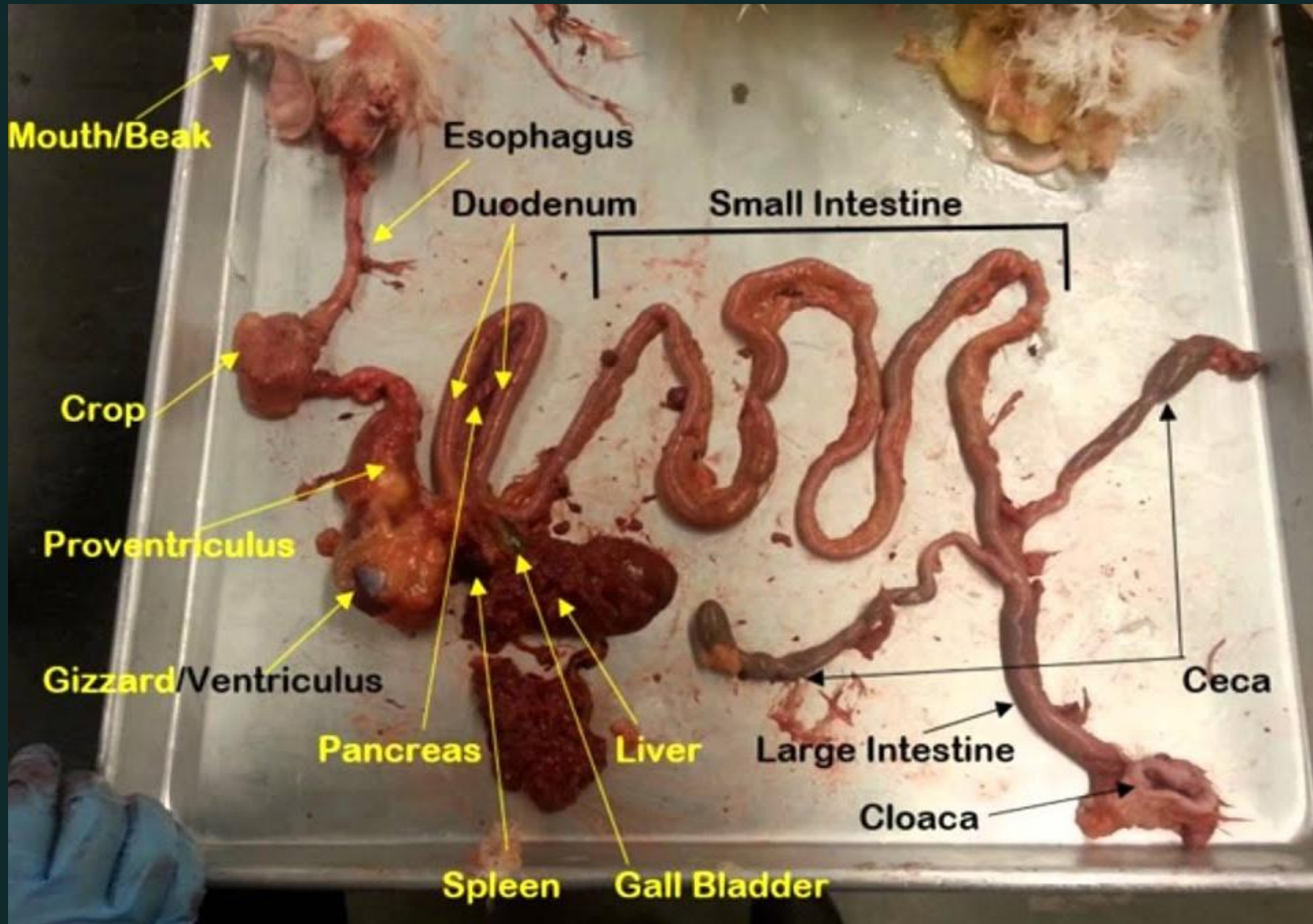
9- Examine the organs such as (**the liver for any change ,the air sacs , the heart for any change , the sciatic nerve should be exposed ,And others**).

10- Remove & examine the internal organs .

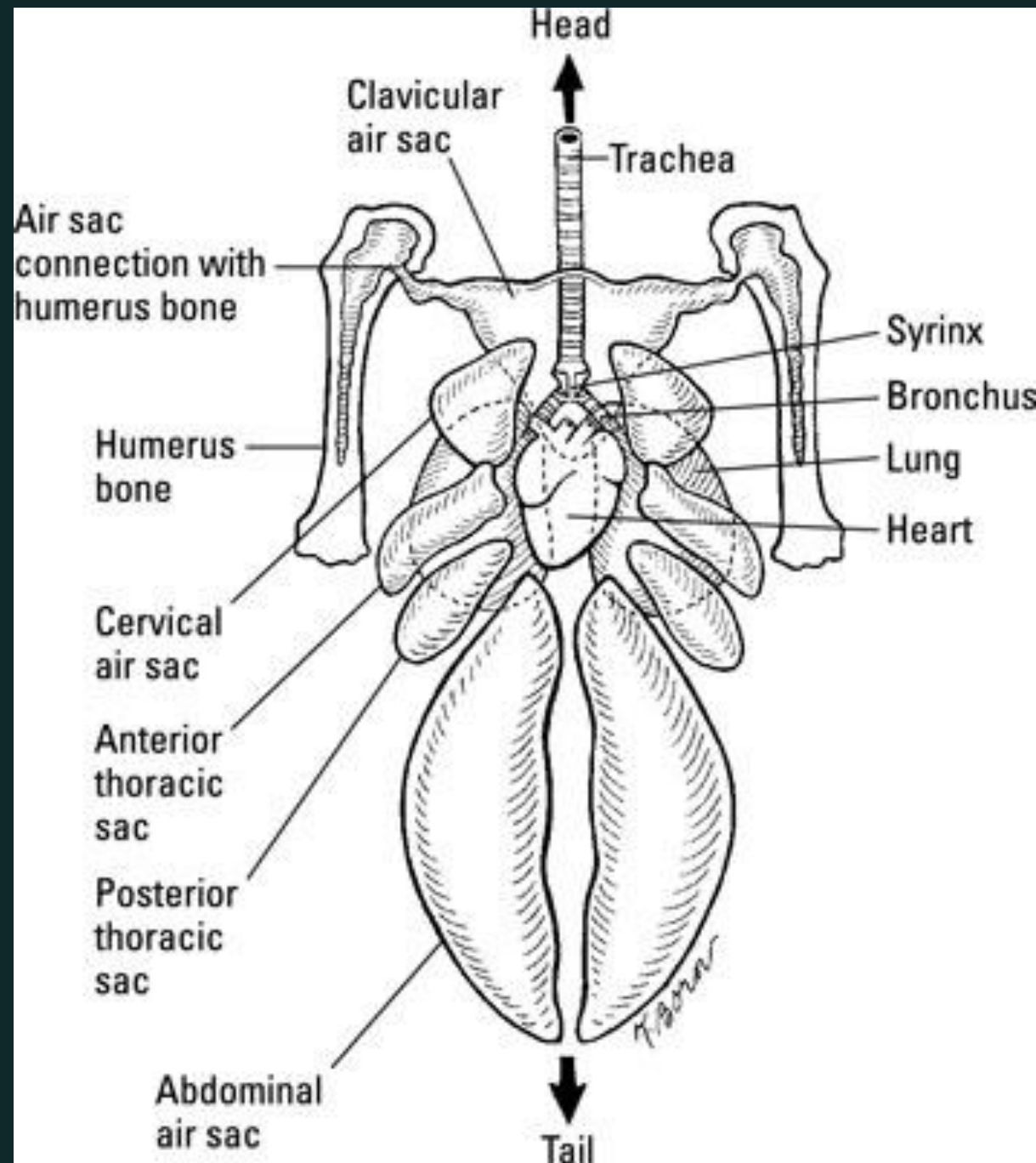
11- Dispose of the carcass properly & disinfect surfaces & tools .







Digestive system



Respiratory system