



# NECROPSY -EQUIDAE-

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# NECROPSY POSITION

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- ✦ *The caecum (and colons) takes up a large portion of the abdominal cavity*
- ✦ *The animal is laid on its right side*
- ✦ *Necropsy is usually done on the ground (depending on the size of the animal)*
- ✦ *Ventro-dorsal position can be preferred for foals*

# SKINING AND DETACHING EXTREMITIES

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- ✦ *Skinning is done normally (the skin has no economical value)*
- ✦ *Seperate the overlying limbs during skinning, check the lymph nodes, subcutis, and muscles*

# REMOVING THE ABDOMINAL ORGANS

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- ✦ *Before starting to remove the organs, pull the colons and caecum out and lay them beside the cadaver (without tying or cutting anything).*
- ✦ *In the meantime, spleen (located on the left side of the abdominal cavity) can be seperated and taken out*

# REMOVING THE ABDOMINAL ORGANS

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- ✦ *Start by removing the colon parvum*
- ✦ *Tie two knots on the rectum, as close to anus as possible and cut in between*
- ✦ *Seperate the colon parvum from the connections, up until you reach the lig. duodenocolicum*
- ✦ *Tie two knots and cut in between to take the colon parvum out*

# REMOVING THE ABDOMINAL ORGANS

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- ✦ *To take out the small intestines, end of duodenum (close to the left kidney), on the other side of the lig. duodenocolicum, tie two knots and cut in between*
- ✦ *By holding the beginning of jejunum after cutting the end of duodenum, separate the jejunum and the ileum from mesenterial connections until you reach lig. ileocaecale, tie two knots, and cut in between*

# REMOVING THE ABDOMINAL ORGANS

- ✦ *Caecum and colon are taken out together*
- ✦ *To take out the large intestines, find and cut the lig. duodenocolicum*
- ✦ *Hold the previously cut part of the duodenum and pass it beneath the colons, then set aside*
- ✦ *Cut the connections of the caecum and large colons with the abdominal wall, cut the branch of the A. mesenterica cranialis and take the large intestines out together*

# REMOVING THE ABDOMINAL ORGANS

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- ✦ *Before removing the left kidney, remove the adipose capsule surrounding, then, make a 2-3 cm cut on the aorta, in front of the A. mesenterica cranialis to check for any abnormalities in the vessel lumen*
- ✦ *Then cut the renal artery and vena, without cutting the urether and place it on the carcass*
- ✦ *To take out the stomach, and duodenum, pull the stomach back gently, and cut the connections with the diaphragm*

# REMOVING THE ABDOMINAL ORGANS

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- ✦ *Pancreas is in close contact with the dorsal colon and caecum, so it can be taken out with them*
- ✦ *Take the liver out by cutting the connections with diaphragm*
- ✦ *You can either take the kidneys out seperately (with adrenal glands on), or together with the urinary bladder (tie the urethra)*
- ✦ *Open the pelvic cavity same as in dogs/cats or make a circular cut around the anus (and vulva/penis) and take the organs out from the abdominal cavity*

# REMOVING THE CERVICAL AND THORACAL ORGANS

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- ✦ *Upper 1/3 of the esophageus and trachea are left to remove with the tongue, larynx, thyroids, and tonsils*
- ✦ *Last 2/3 of the trachea and esophageus are taken out with the lungs and heart*