

## Stomach Osteoma in a Dog

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**Signalment & History:** An 8 year-old, female, army dog German shepherd was referred to Veterinary Medical Teaching Hospital of Kyungpook University with anorexia, nervousness, emaciation. A point of time, lifelessness is the only symptom.

**Results:** With the permission of veterinary officer, an euthanasia and post-mortem examination were performed. Thin white matters were founded on the gastric mucosa and there were no other significant gross findings. Histopathological examination was carried out with samples from the gastric wall, esophagus, gall bladder, aorta, heart, kidney, liver, mesenteric lymph node, lung, urinary bladder and spleen. In the stomach samples, the masses were consisted of well-differentiated osteoid tissues, the compact bone ? osteocytes and the matured lamellated bone with haversian system. Mitotic figures, invasive growth to surround tissues, tumour necrosis, vascularity were rare or not observed. Therefore, it might be considered as classic "osteoma in the stomach". No other abnormalities were detected in the other organs.

**Clinical relevance:** The osteoma in the soft tissues was rare except for osteoma cutis, defined as the formation of bone in dermal or subcutaneous tissues. So this osteoma in the canine stomach was considered as extremely rare case, upon our knowledge.

**Key words:** osteoma, stomach, osteocyte, dog

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