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# Zur sog "Vagus-indigestion" Funktionelle Magenstenose, Hoflund syndrom beim wasserbuffel

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## Abstract:

In a total of 50 Egyptian water buffaloes, a Hoflund-syndrome (Functional Gastric Stenosis, Vagus-Indigestion) was diagnosed by clinical and surgical examination. The animals were classified as follows by primary cause and clinical accompanying symptoms: traumatic reticuloperitonitis (16 cases), diaphragmatic hernia (10 cases), diffuse peritonitis (three cases), pararecticular abscesses (5 cases), omasal impaction (7 cases), abomasum impaction (three cases), pericarditis (3 cases), one case of multiple liver abscesses and two cases with idiopathic or unknown cause. Clinical symptoms varied according to the dominating signs of the disease complex. In general sick animals showed a bloating of the left flank at the right ventral abdominal wall, increased frequency of rumen contractions with decreased intensity, rare and soft feces, signs of pain on percussion of the reticular region, bradycardia, marked loss of appetite and decrease of milk yield. In a small number of patients a decreased or absent motility of the rumen was observed. Rectal examination revealed an I-shaped, extended rumen which was caudally displaced reaching up to the entrance of the pelvis. Explorative laparotomy and rumenotomy revealed a dilated rumen with foamy, mixed contents consisting of small particles. Analysis of acid-base-balance showed a metabolic alkalosis. Characteristic findings of hematologic examination were leukocytosis with neutrophilia and lymphocytosis, respectively.

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