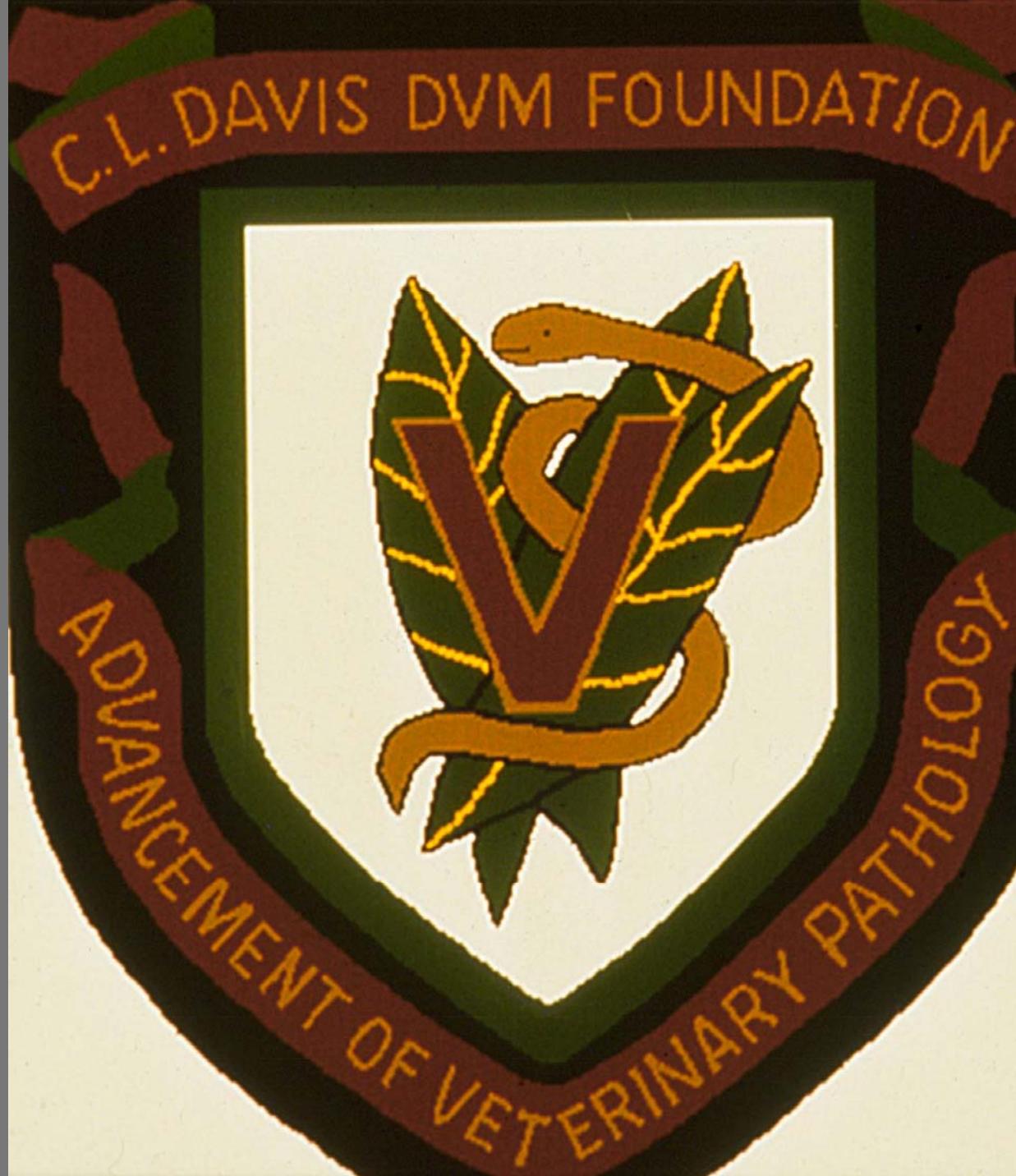


# **INTESTINAL PATHOLOGY OF SMALL RUMINANTS**

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Palatoschysis



Lambs: hypospadias (left), anal atresia (right)

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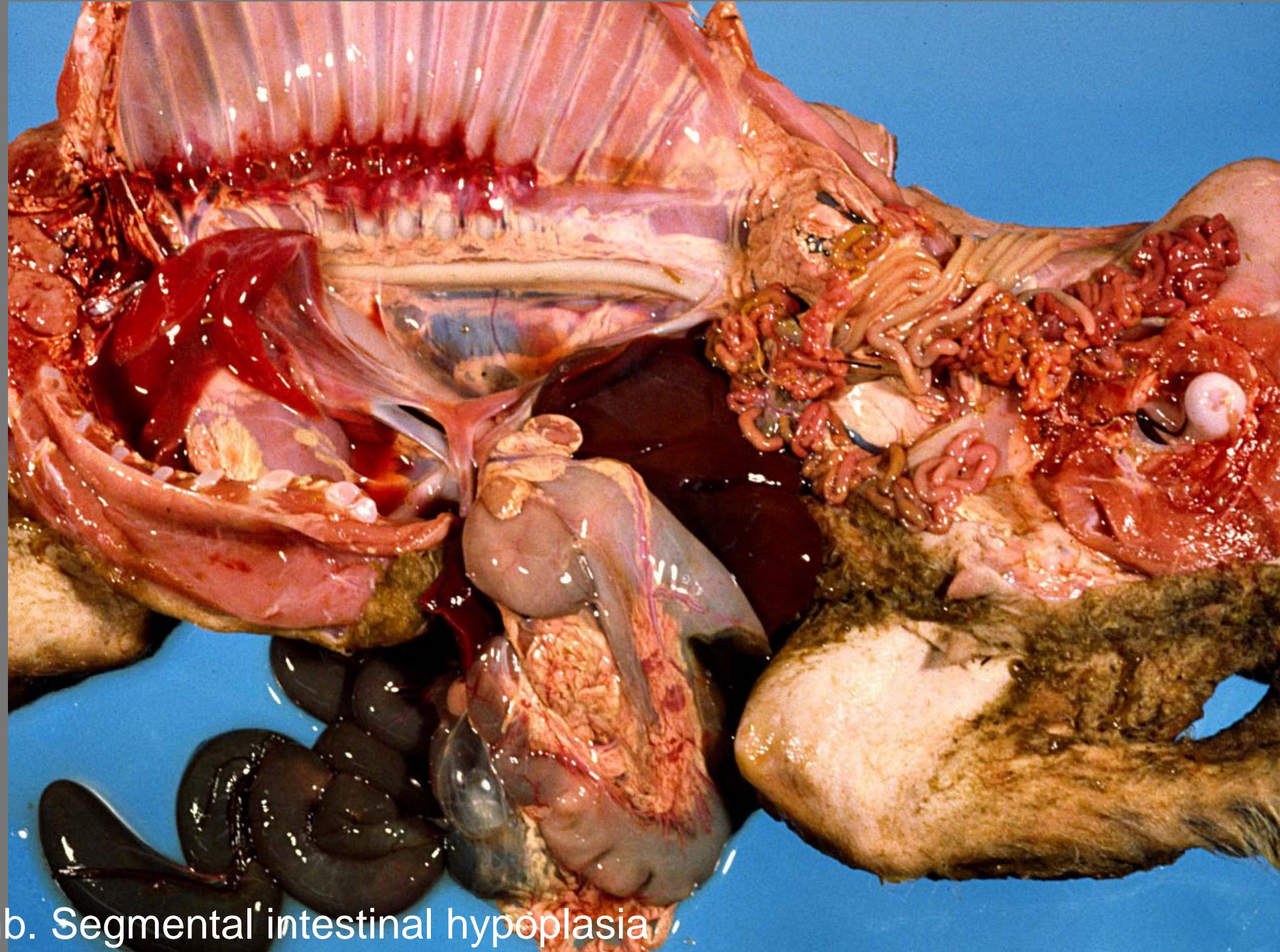
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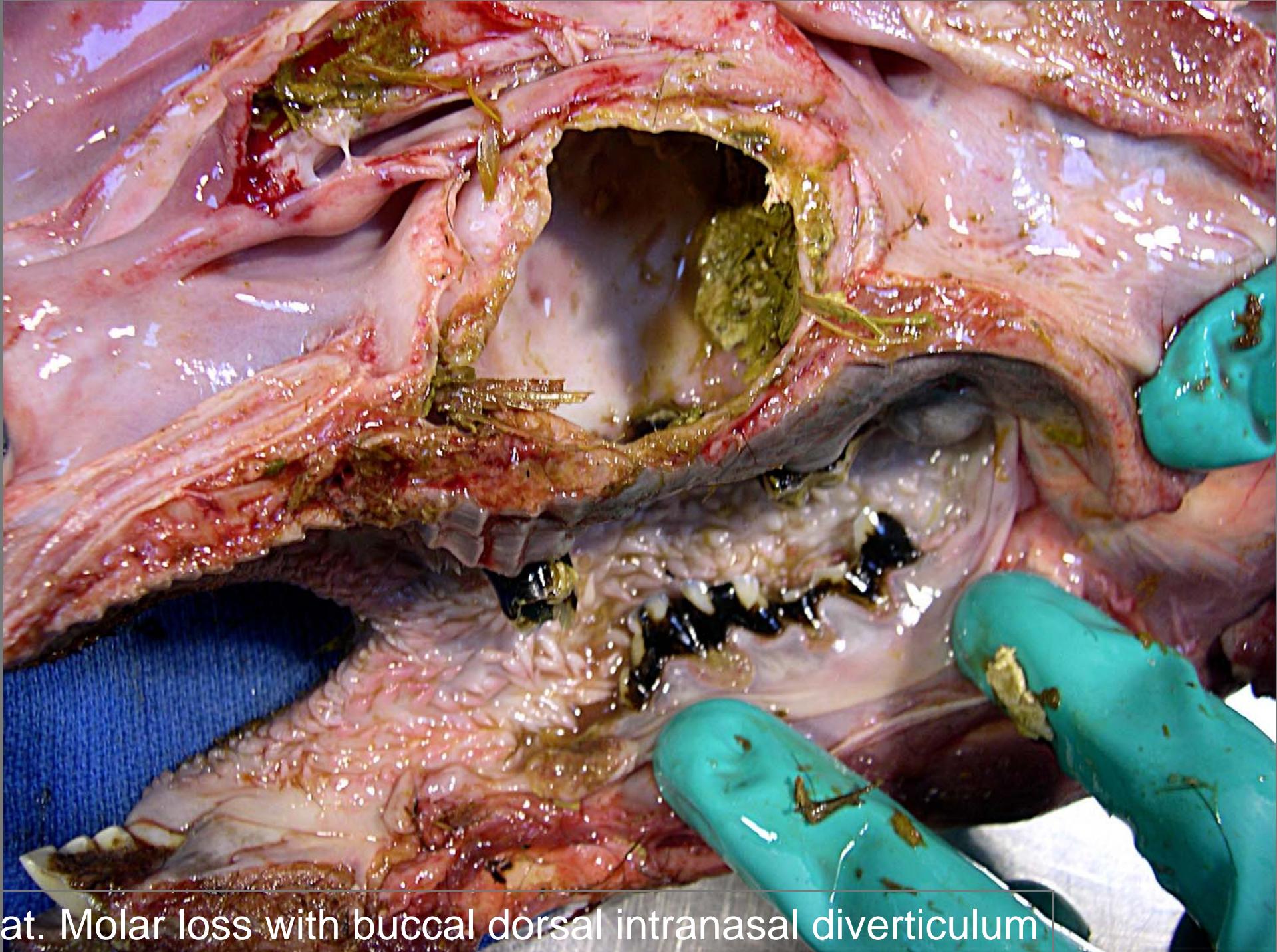
Lamb: anal atresia induced intestinal digesta accumulation



Lamb. Segmental intestinal hypoplasia



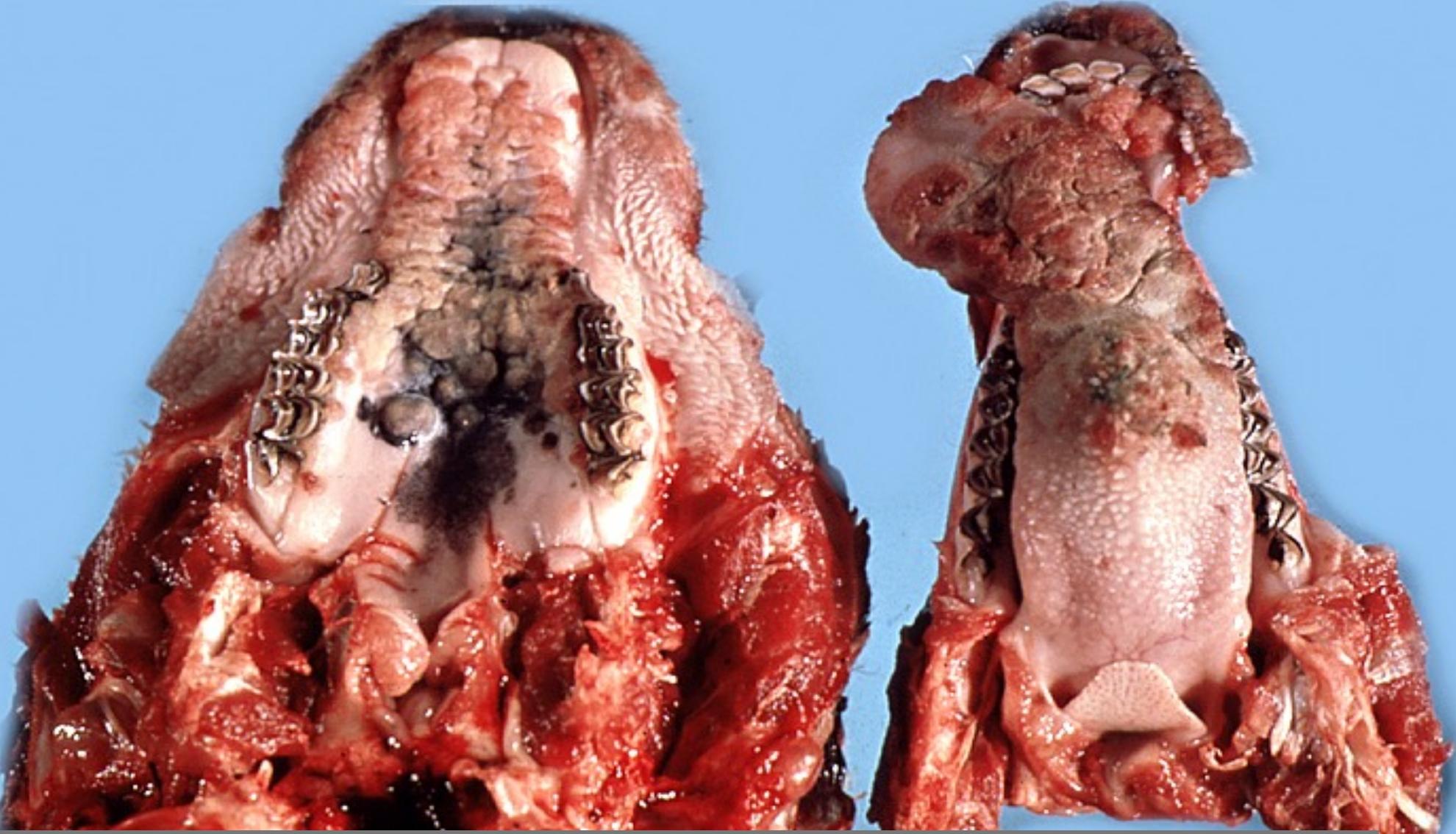
Goat. Molar loss with buccal dorsal intranasal diverticulum



Goat. Molar loss with buccal dorsal intranasal diverticulum



Goat. Papular cheilitis. Contagious echthyma (orf) - parapoxvirus



Goat. Papular stomatitis. Contagious ecthyma (orf) - parapoxvirus



Deer. Gangrenous stomatitis and osteomyelitis – *Fusobacterium* spp.



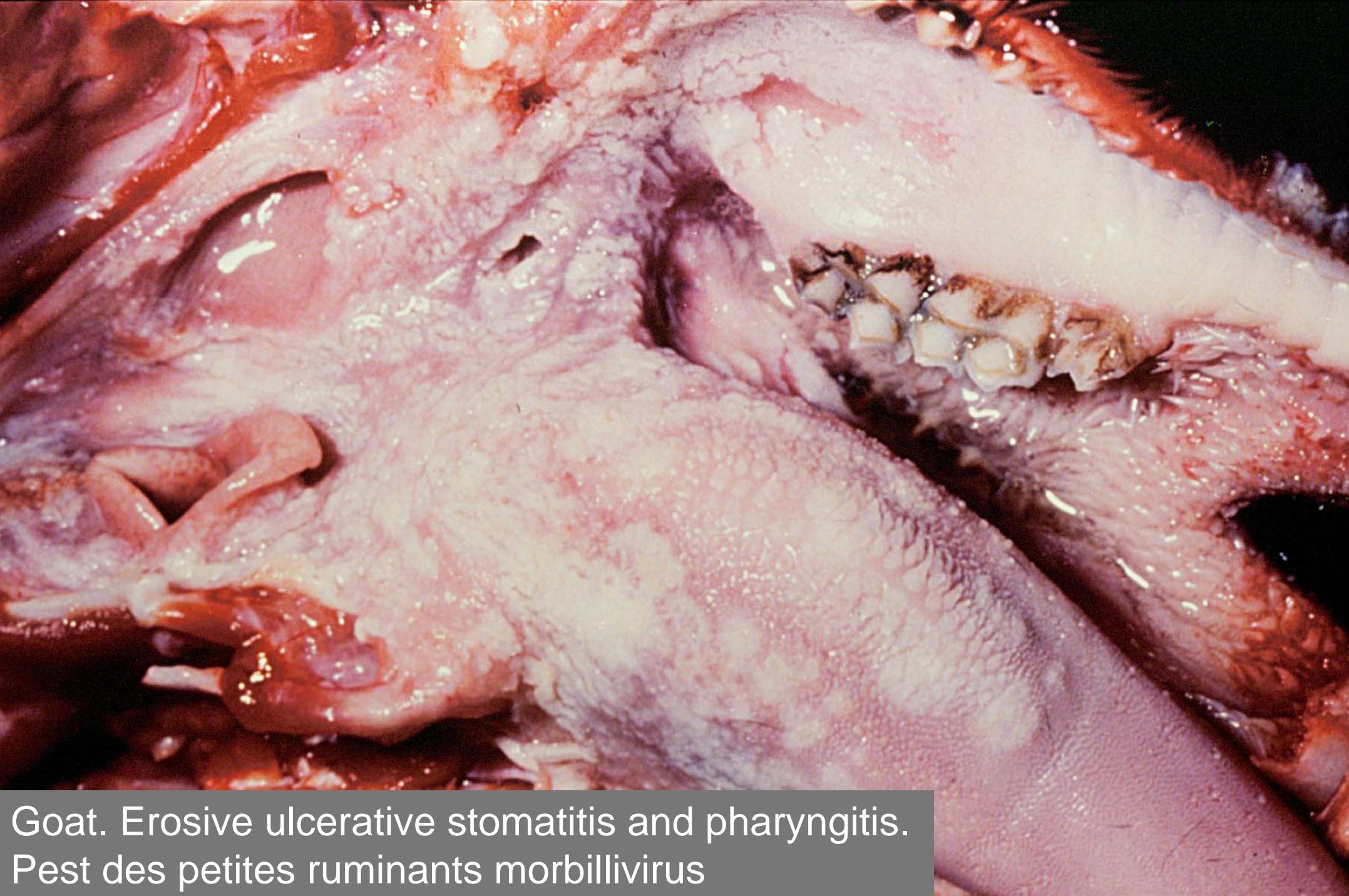
Sheep. Catarrhal and erosive stomatitis and blepharitis. Bluetongue orbivirus



Sheep. Erosive stomatitis + tongue cyanosis. Bluetongue orbivirus



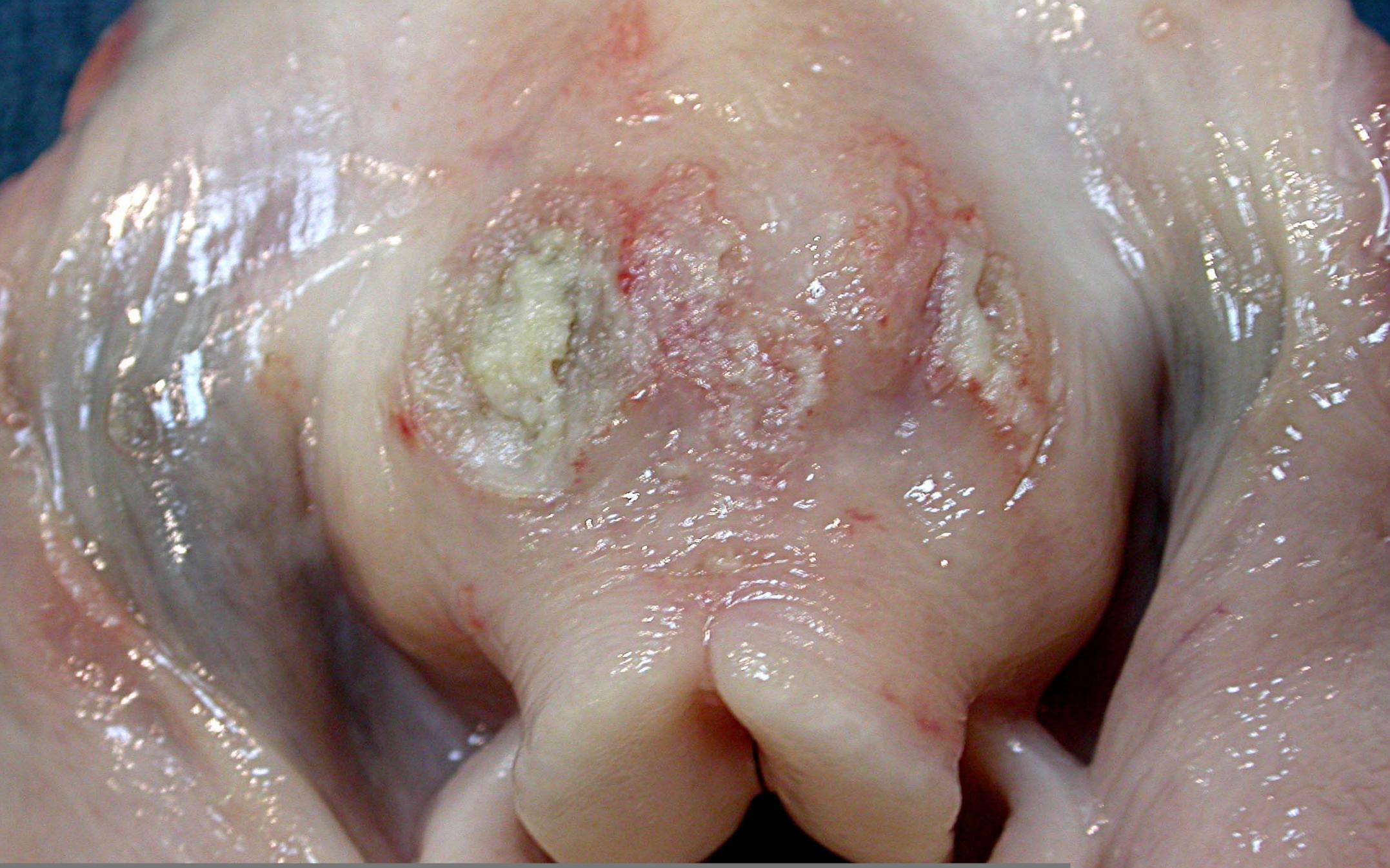
Deer. Erosive cheylitis + nasal dermatitis. Malignant catarrhal fever ovine herpesvirus



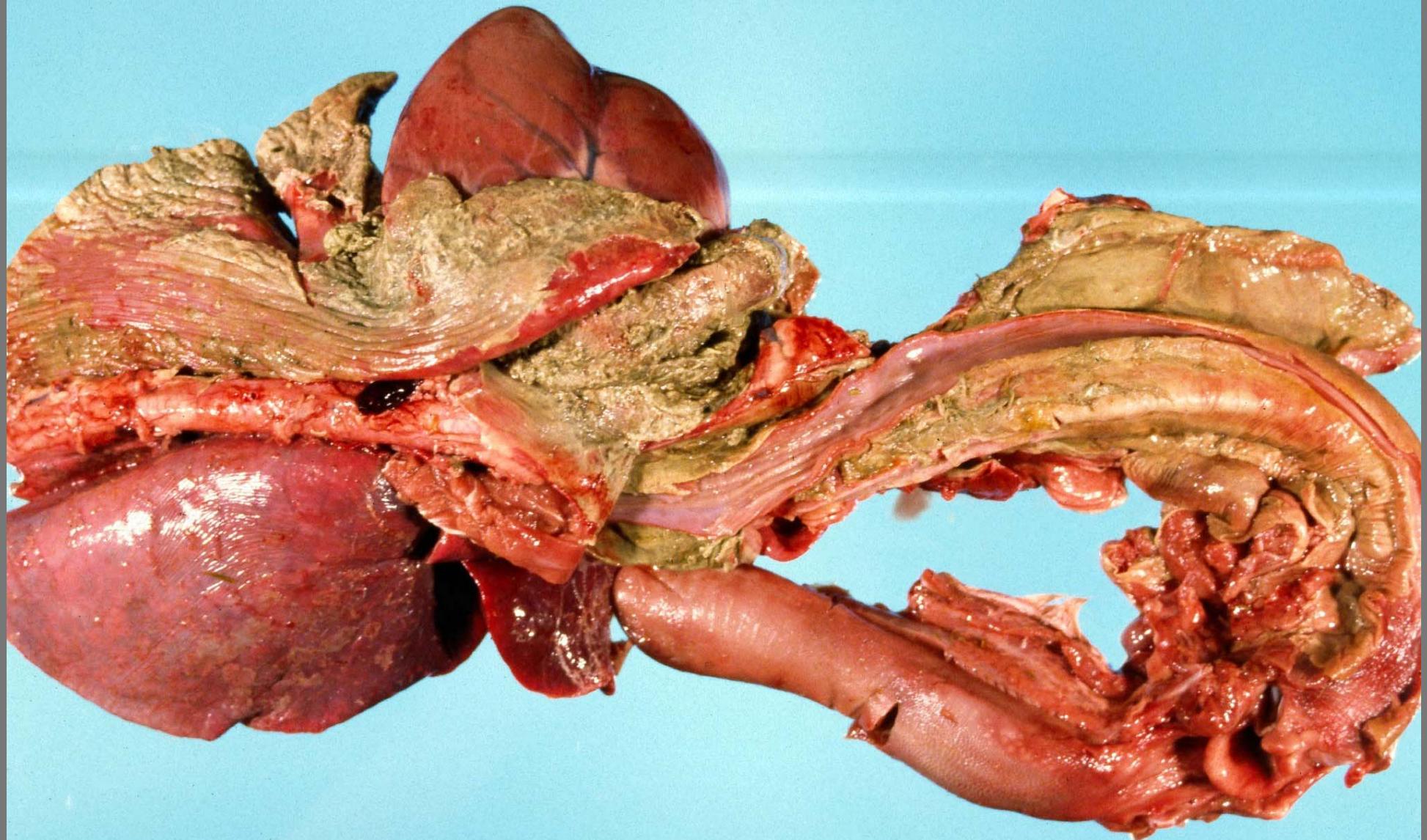
Goat. Erosive ulcerative stomatitis and pharyngitis.  
Pest des petites ruminants morbillivirus



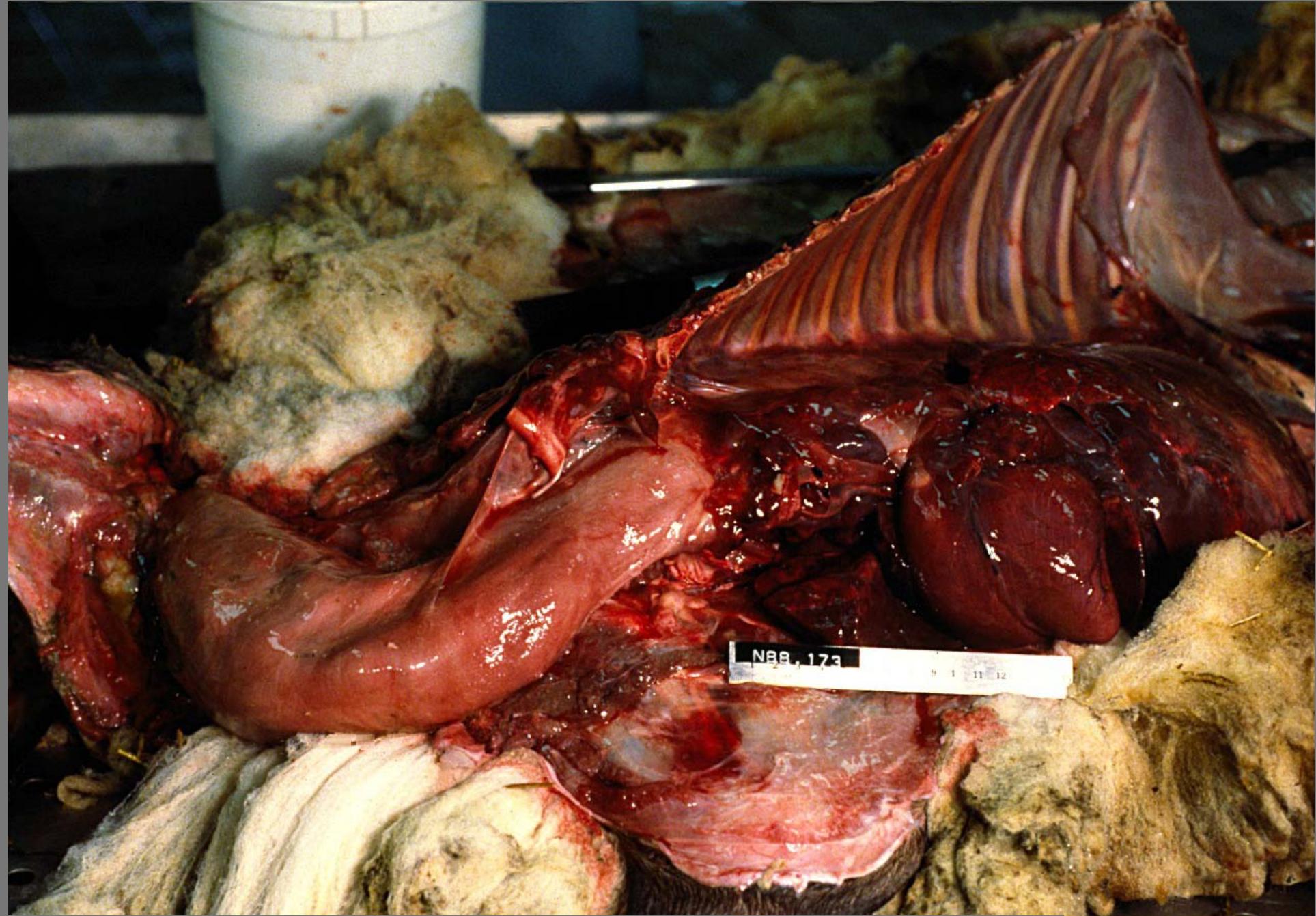
Goat. Esophagus. Coagulative necrosis. *Fusobacterium* spp.



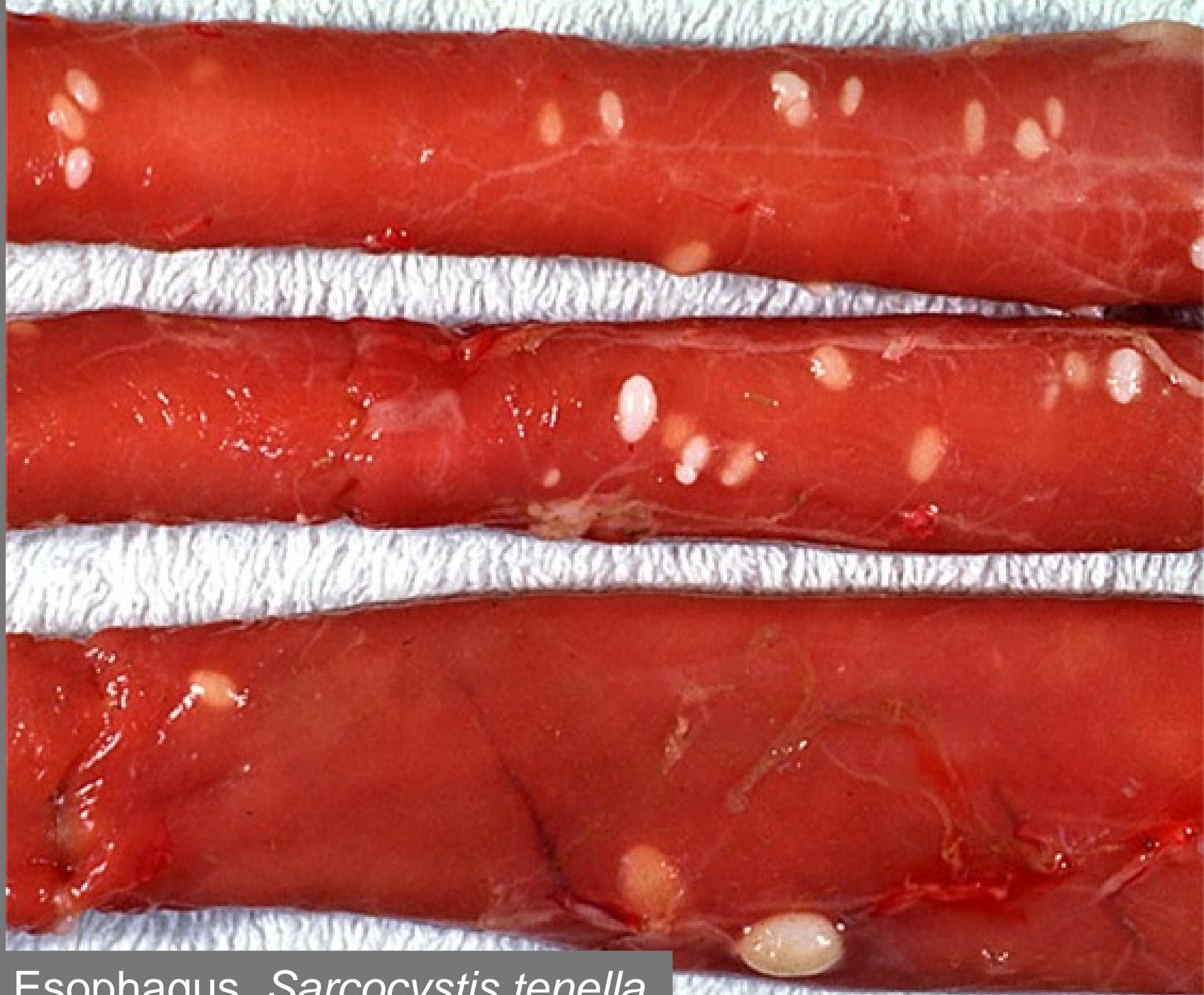
Goat. Pharynx. Coagulative necrosis. *Fusobacterium* spp



Deer. Esophagus. Rupture with mediastinitis and pleuritis



Sheep. Megaesophagus (abscess compression, very rare)



Sheep. Esophagus. *Sarcocystis tenella*.



Rumen – foamy bloat



Sheep – abomasal atony - impaction



Sheep – abomasal atony – impaction – secondary mycotic hemorrhagic necrosis



Goat – rumen – lithobezoar



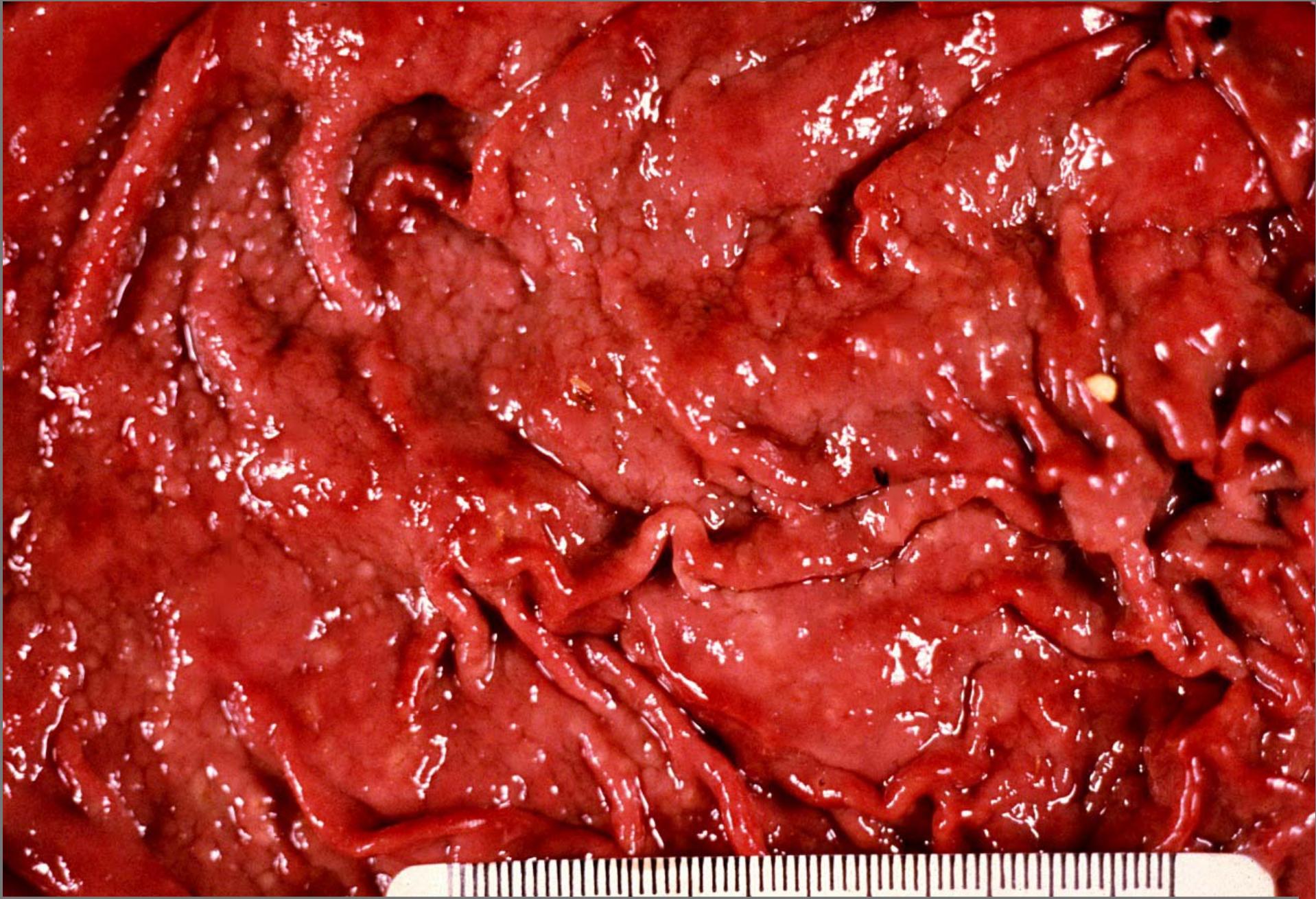
Goat – rumen – “plastobezoar”



Sheep – abomasum – haemonchosis (*Haemonchus* spp.)



Goat – abomasum – severe chronic ulcer



Sheep – abomasum – multifocal proliferative abomasitis - *Ostertagia*



Goat – small intestine - intussusception



Fawn – small intestine – bacterial enteritis



Small intestine – bacterial enteritis



Sheep – intestine – bacterial enterophyllosis – Clostridium



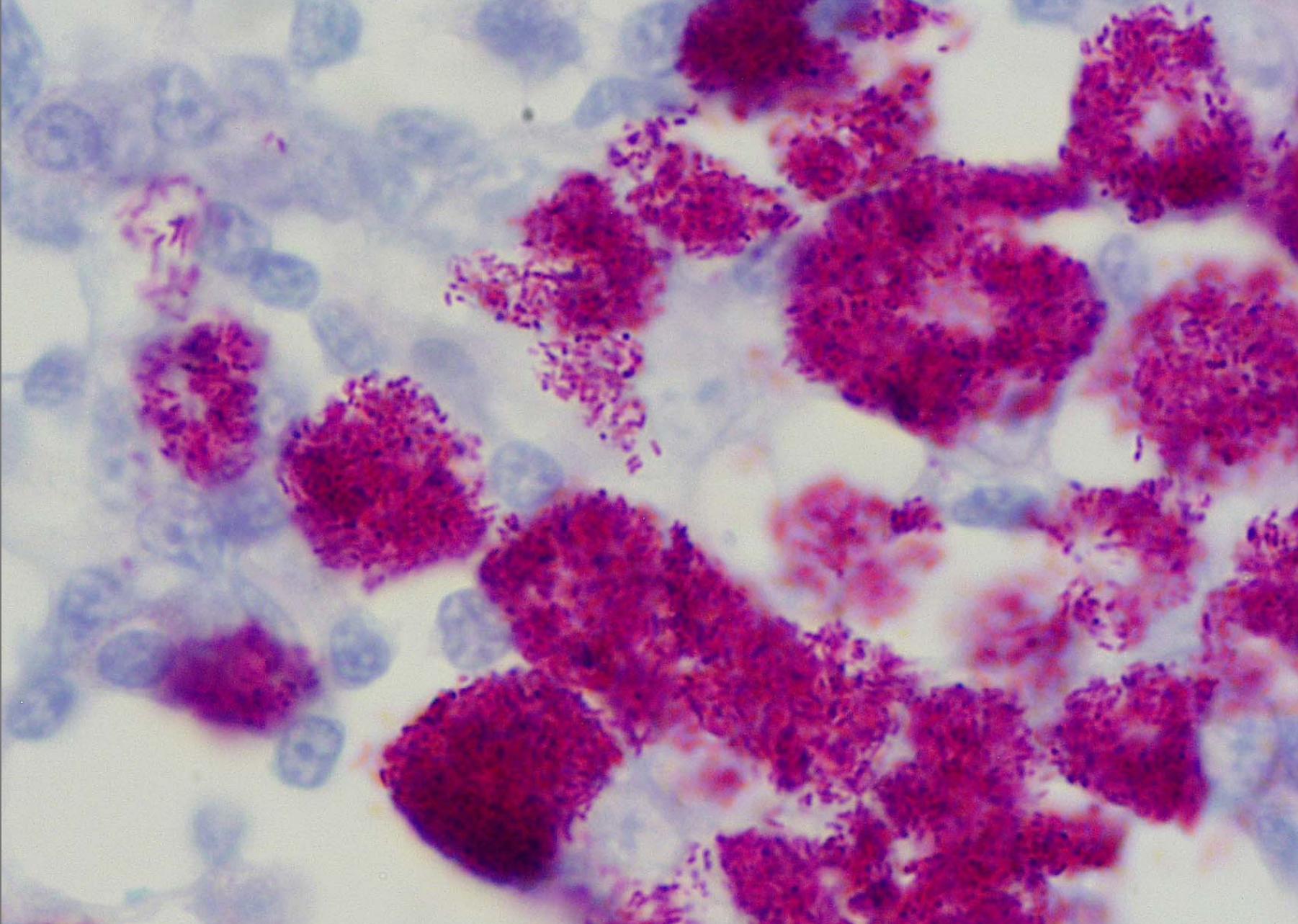
Sheep – intestine – bacterial enterophyllosis – Clostridium



Sheep – intestine – enteritis and Peyer's patch necrosis – mycotic (pestivirus-like lesion)



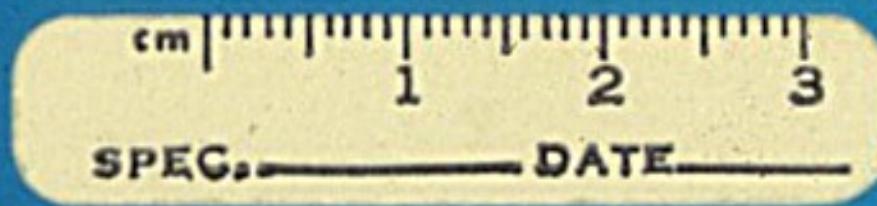
Sheep – intestine – granulomatous enterophyllocolitis, lymphadenitis, lymphangitis and serous atrophy of fat (emaciation) – *Mycobacterium avium paratuberculosis*



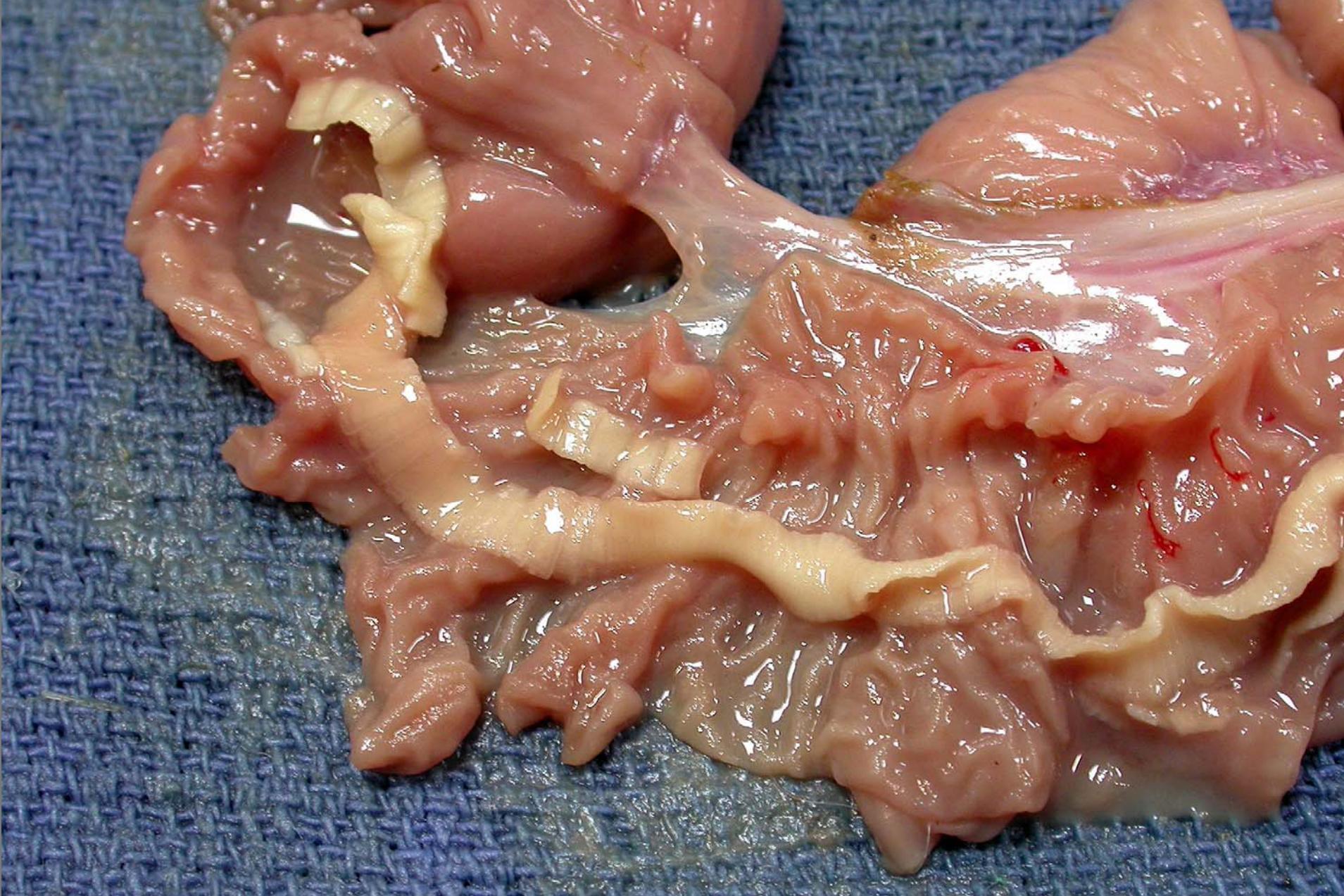
Sheep – intestine – granulomatous enterophyllocolitis, *Mycobacterium avium paratuberculosis* within histiocytes – ZN.



Goat – serous atrophy of fat and liver atrophy – emaciation – insufficient caloric intake during winter



Goat small intestine – proliferative hyperplastic enteritis – coccidiosis – *Eimeria* spp.



Small intestine – catarrhal enteritis – cestodiasis – *Monietia* spp.



Sheep – mesentery – undifferentiated sarcoma (carcinomatosis-like lesion).