

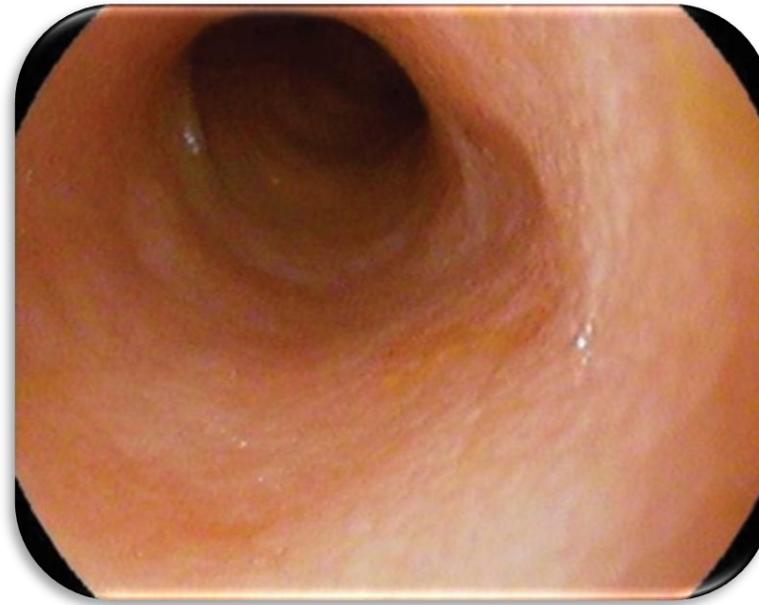


Въведение в ендоскопията

ОСНОВНО НИВО

10-11 март 2026 г.

Дуоденоскопия



Д-р Симеон Пачев-младши
Ветеринарна клиника "Провет"
dr_pachev@provetcclinic.com

П Р В Е Т
В Е Т Е Р И Н А Р Н А К Л И Н И К А



Въведение в ендоскопията

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10-11 март 2026 г.

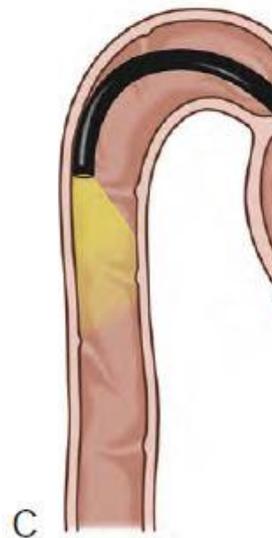
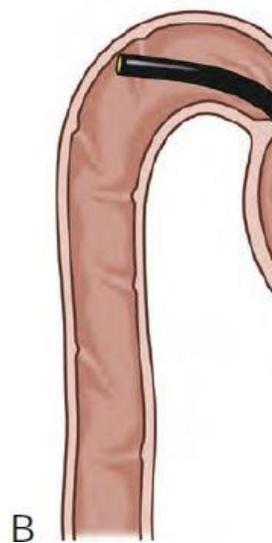




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ОСНОВНО НИВО

10-11 март 2026 г.





> Am J Vet Res. 1991 Dec;52(12):1948-50.

Evaluation of atropine, glucagon, and metoclopramide for facilitation of endoscopic intubation of the duodenum in dogs

M E Matz ¹, M S Leib, W E Monroe, D J Davenport, L P Nelson, J E Kenny

difficult, compared with use of saline solution. Difference between intubation after administration of glucagon and saline solution was not seen. On the basis of our findings, the use of these agents for facilitating endoscopic duodenal intubation is not recommended. In addition, in this study, we found that experience in endoscopic intubation is an important factor in determining the ease of duodenal intubation.

SCAN ME



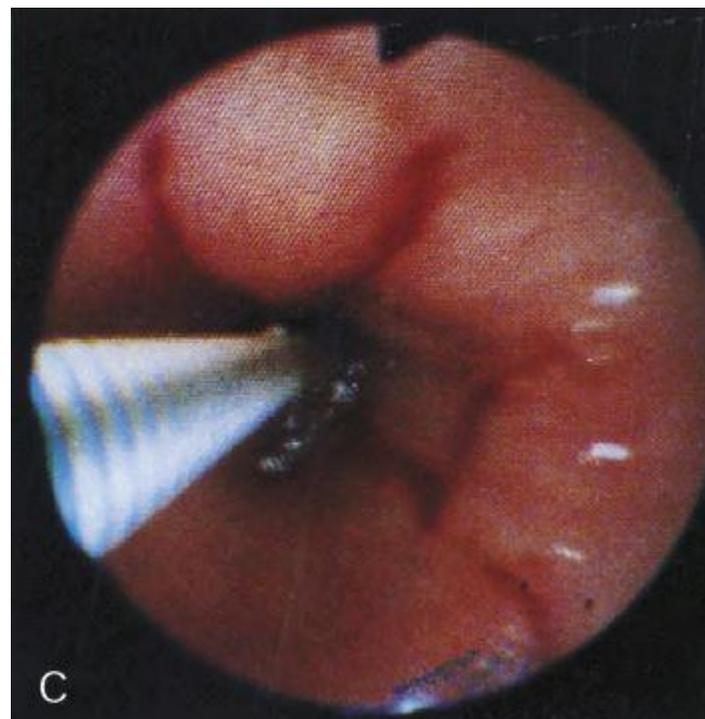
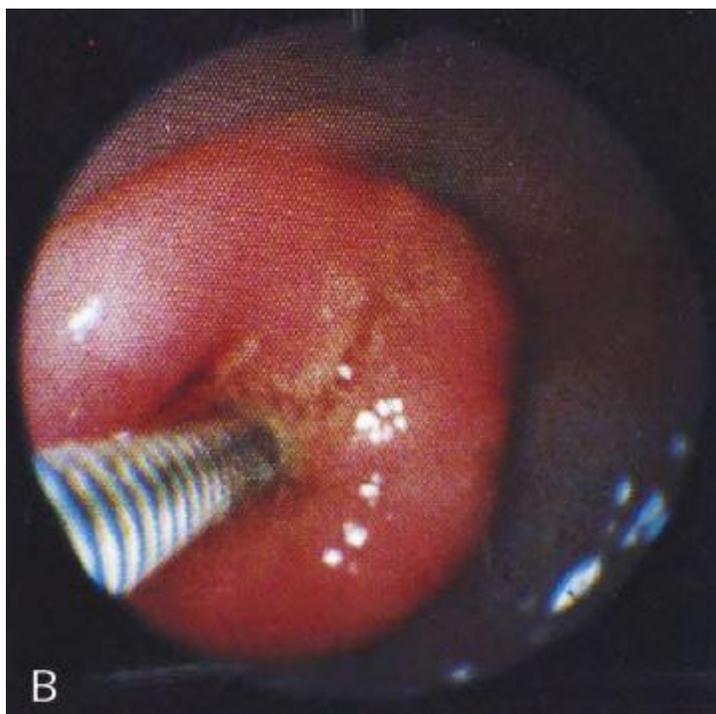


Въведение в ендоскопията

ОСНОВНО НИВО

10-11 март 2026 г.

- СМЯНА НА ПОЗИЦИЯТА НА ПАЦИЕНТА
- ИЗПОЛЗВАНЕ НА ВОДАЧ





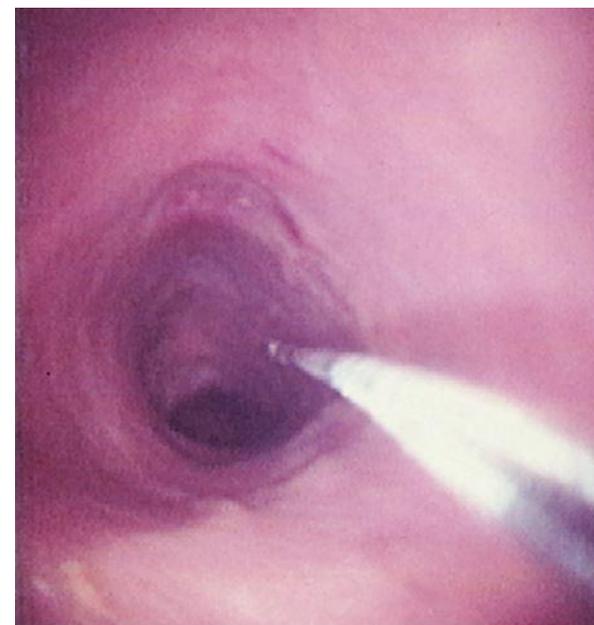
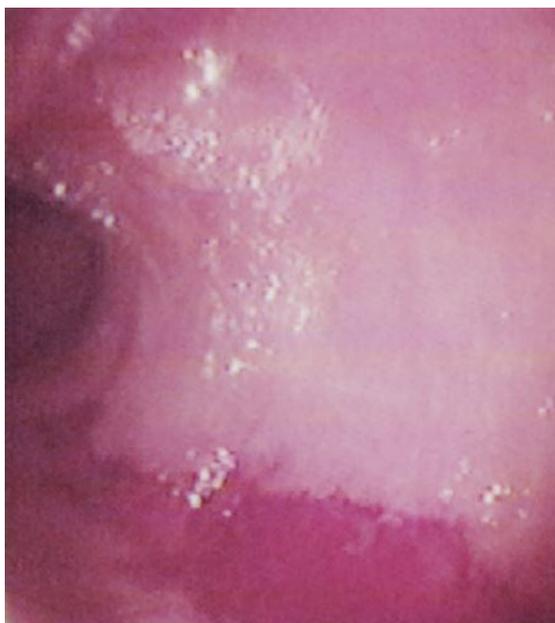
infinita
academy

Въведение в ендоскопията

ОСНОВНО НИВО

10-11 март 2026 г.

- по-наситен червен цвят на лигавицата
- жълтеникав отенък
- няма видимост на субмукозните съдове



- финно гранулирана структура
- интестинални вили
- количество инсуфлация



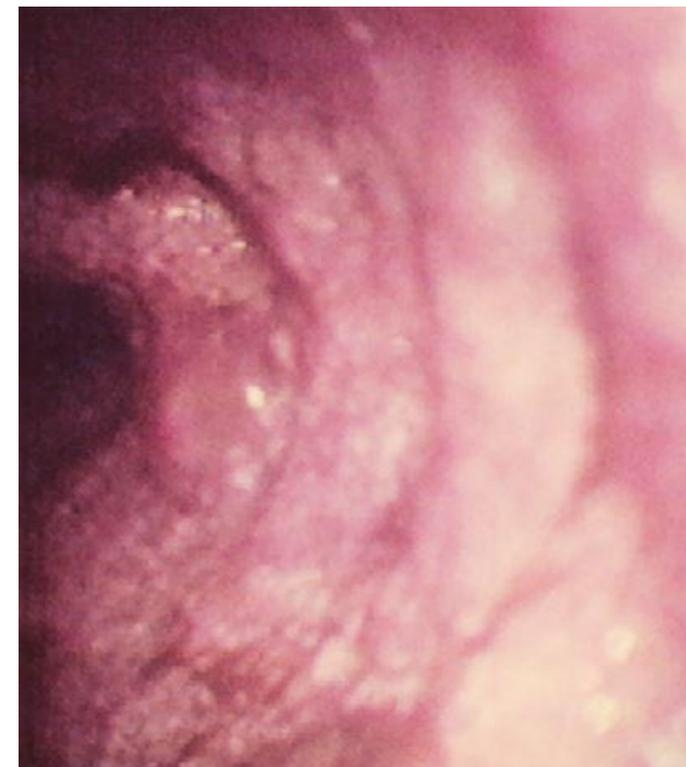
Въведение в ендоскопията
ОСНОВНО НИВО
10-11 март 2026 г.



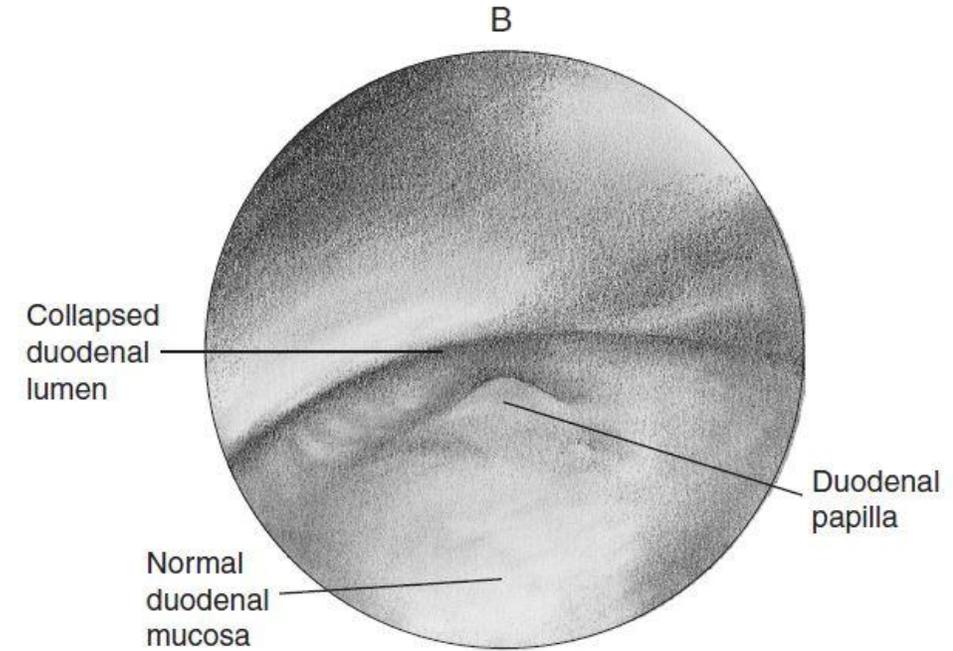
IBD



Duodenal adenocarcinoma

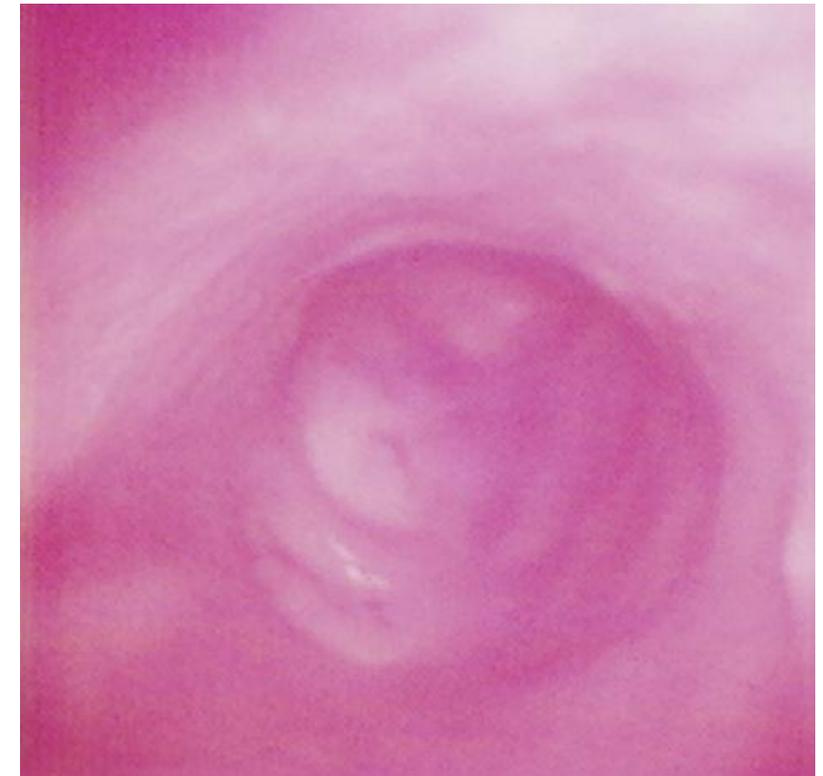
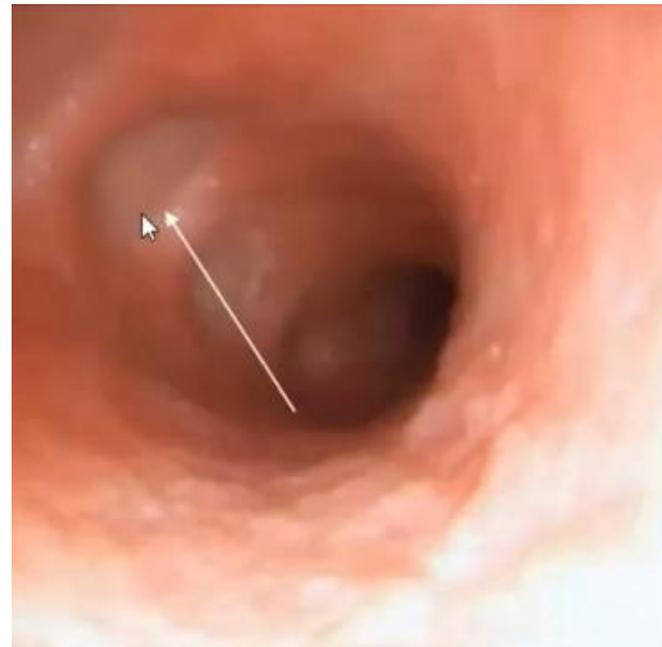


- непосредствено след краниалната дуоденална флексура





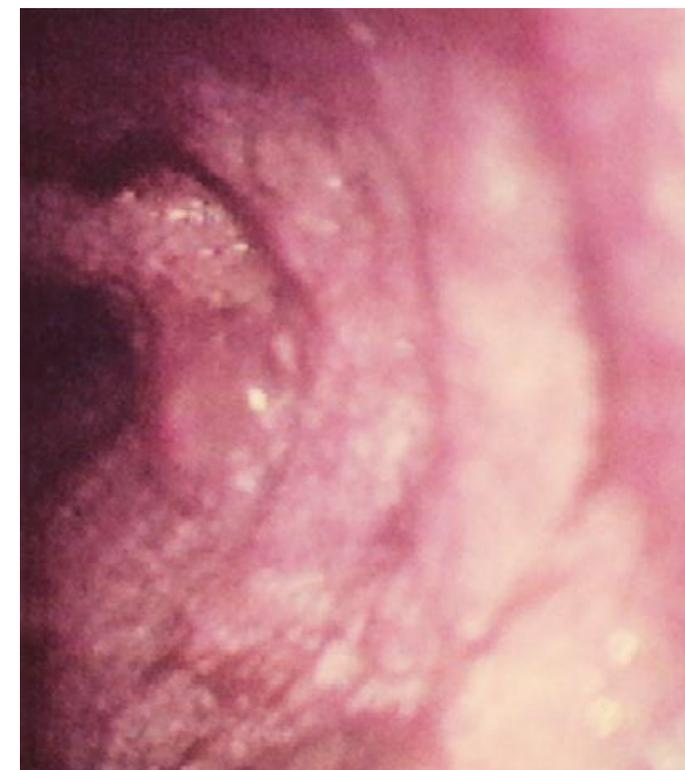
Peyer's patches



Възпалителни изменения



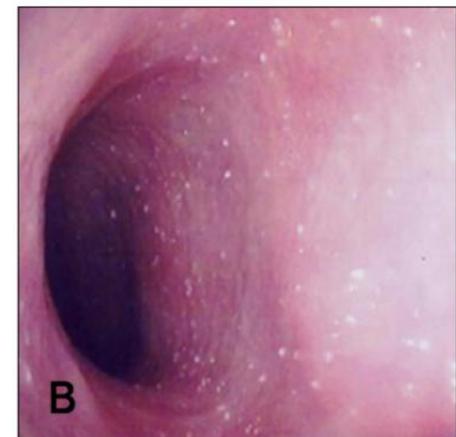
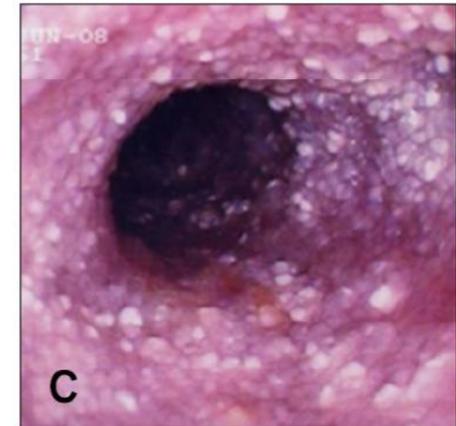
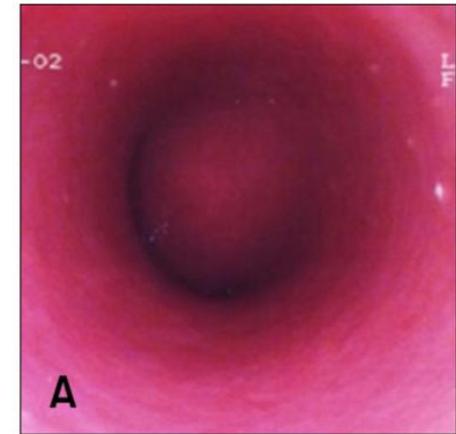
- повишена грануларност и ронливост на лигавицата, ерозии, хеморагии
- едем
- редуцирана перисталтика
- невъзможност за добра инсуфлация, поради удебеляване на лигавицата
- линейарни хеморагии – ятрогенни травми при преминаване на ендоскопа





Lymphagiectasia / LPE

- **Първична** – вродено нарушение на лимфната система на субмукозния слой на тънките черва, идеопатичен характер
- **Вторична** – IBD, неоплазии на тънките черва



White spots on the mucosal surface of the duodenum in dogs with lymphocytic plasmacytic enteritis

[Mercedes García-Sancho](#), [Ángel Sainz](#), [Alejandra Villaescusa](#), [Antonio Rodríguez](#), [Fernando Rodríguez-Franco](#)

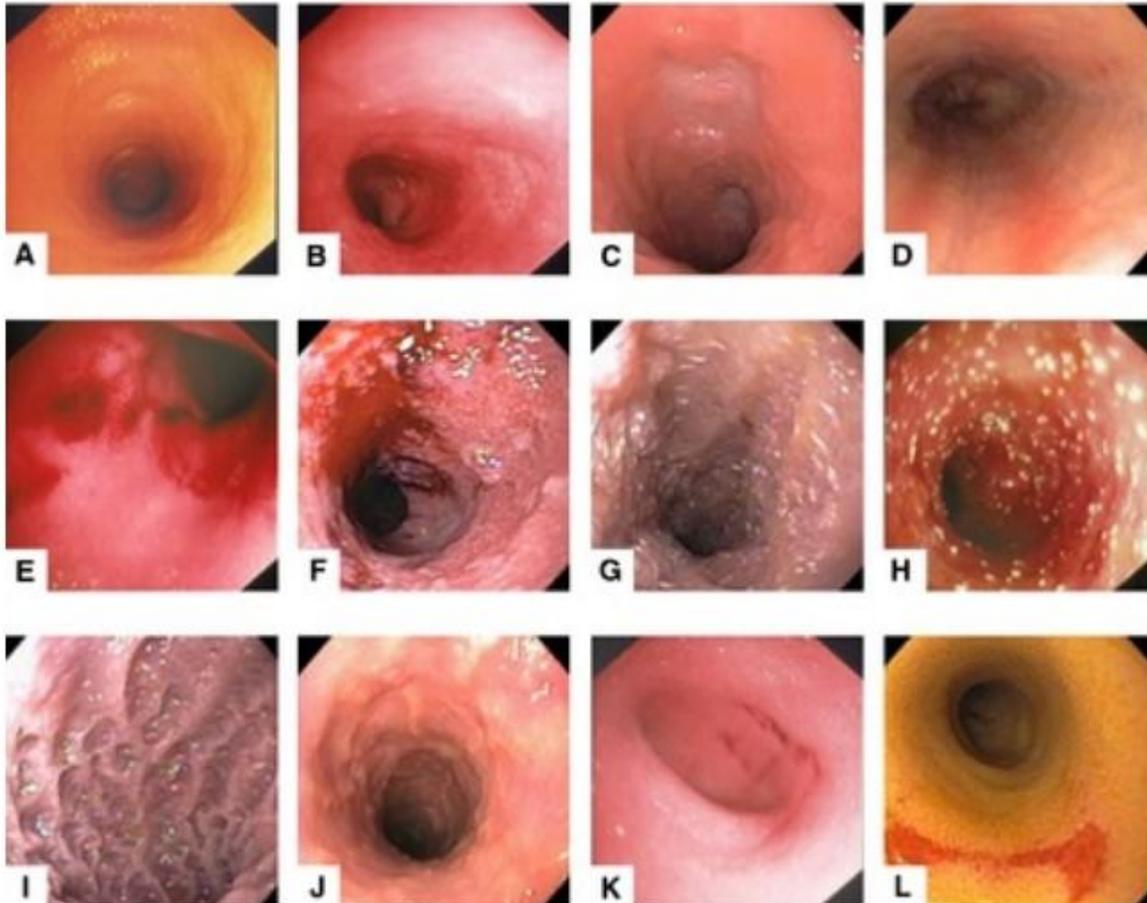
- Раздути лактеали, описани като разширени бели власинки в дванадесетопръстника, са силно показателни за първична чревна лимфангиектазия
- Белите петна в лигавицата на дванадесетопръстника не е откритие, което се отнася само за LPE. При ниски концентрации на серумен протеин и албумин се наблюдава същата находка.

SCAN ME



Endoscopic assessment of the duodenum in dogs with inflammatory bowel disease

J E Slovak¹, C Wang, J A Morrison, K L Deitz, D N LeVine, C Otoni, R R King, L E Gerber, K R Hanson, A P Lundberg, A E Jergens



Conclusions and Clinical Importance

Interobserver agreement of IBD mucosal appearance from endoscopic findings benefitted from operator experience.

Endoscopic Criteria for Duodenal Mucosal Assessment

Hyperemia	Gradations of mucosal redness (pale → red)
Friability	Mucosal bleeding on contact with endoscope or biopsy forceps
Granularity	Alteration in the texture of the mucosal surface
Erosions	Superficial linear mucosal defect(s) with hemorrhage
Lymphatic dilatation	Multifocal to diffuse white foci within the mucosa

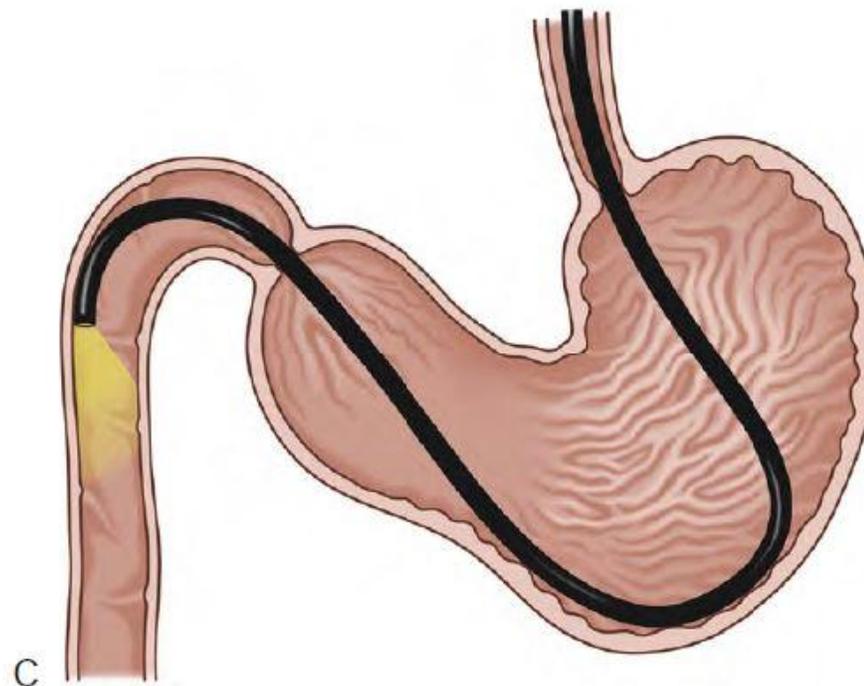
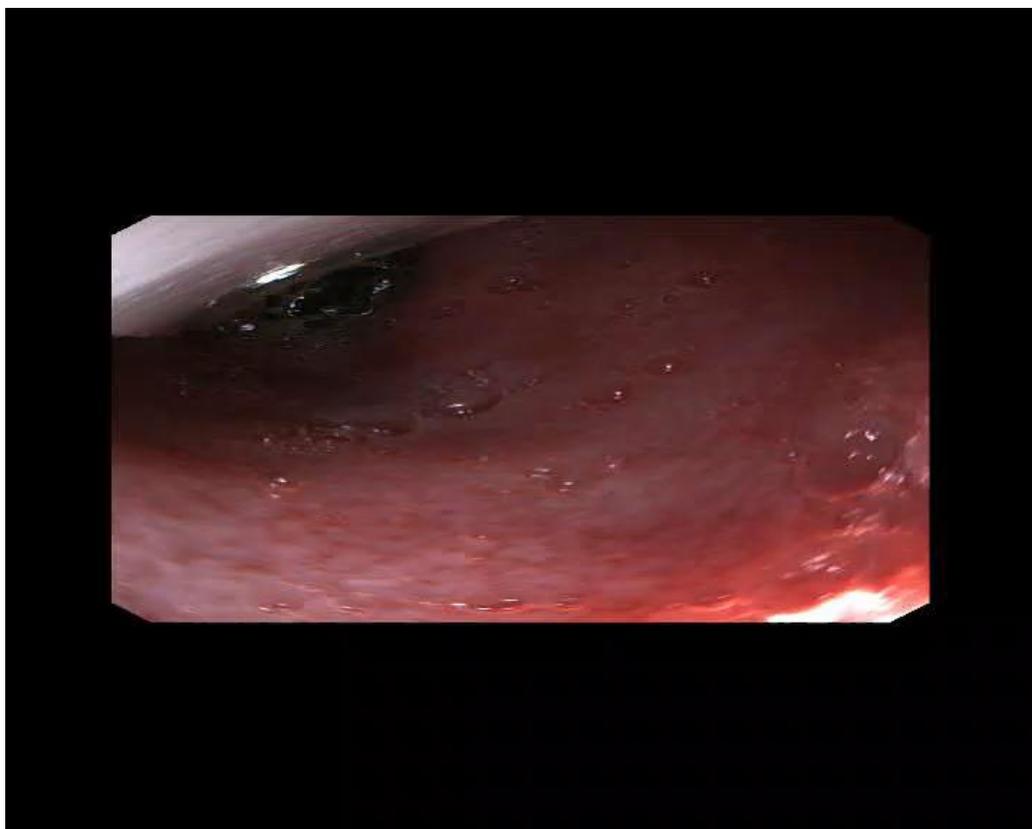
Чужди тела



Въведение в ендоскопията

ОСНОВНО НИВО

10-11 март 2026 г.





› J Am Vet Med Assoc. 2001 Aug 15;219(4):474-9. doi: 10.2460/javma.2001.219.474.

Quality of tissue specimens obtained endoscopically from the duodenum of dogs and cats

M D Willard ¹, S L Lovering, N D Cohen, B R Weeks



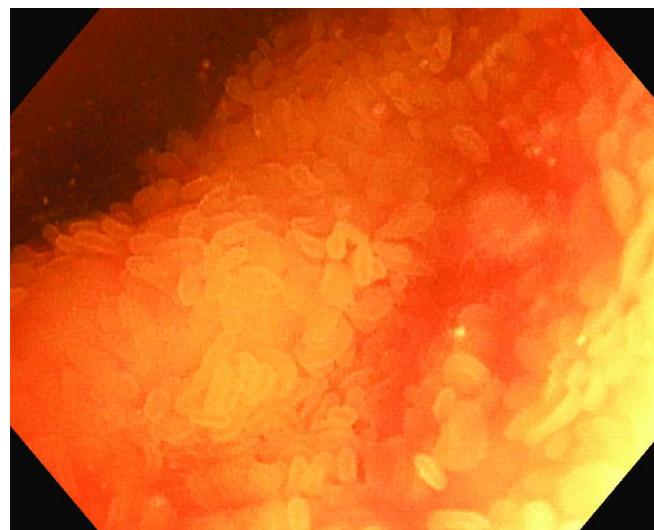
Conclusions and clinical relevance: Results suggest that the quality of endoscopically obtained duodenal tissue specimens submitted to laboratories can vary, possibly because of differences in experience of individuals collecting biopsy specimens. Results suggest that at least 8 individual tissue pieces should be submitted when performing endoscopic biopsy of the duodenum in dogs and cats.

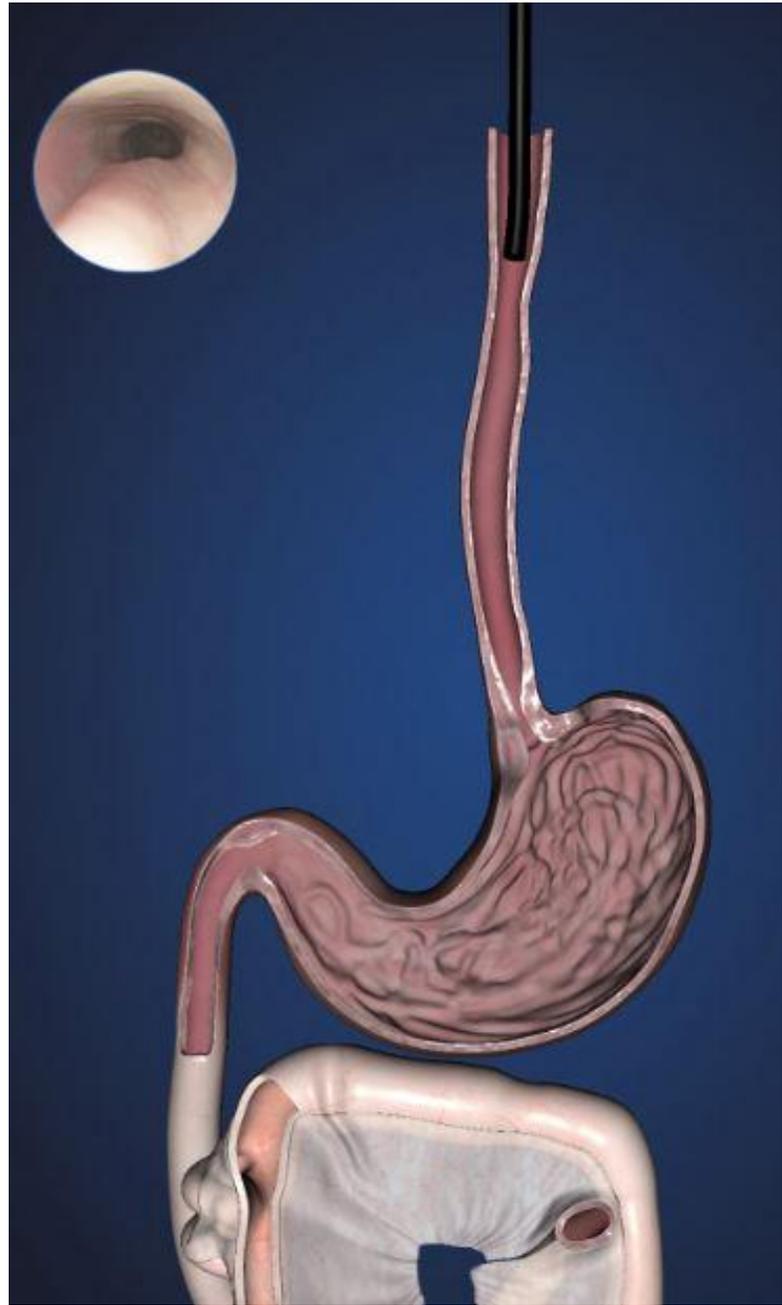
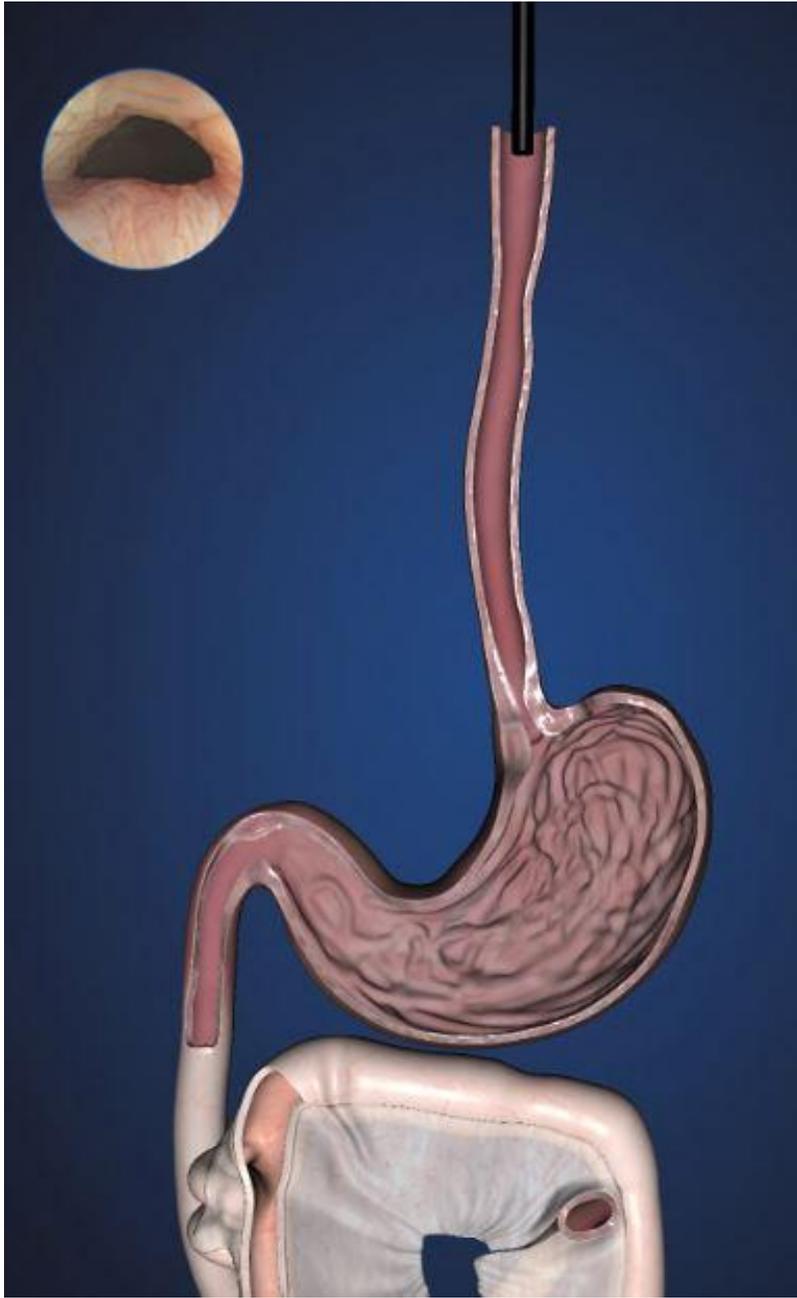


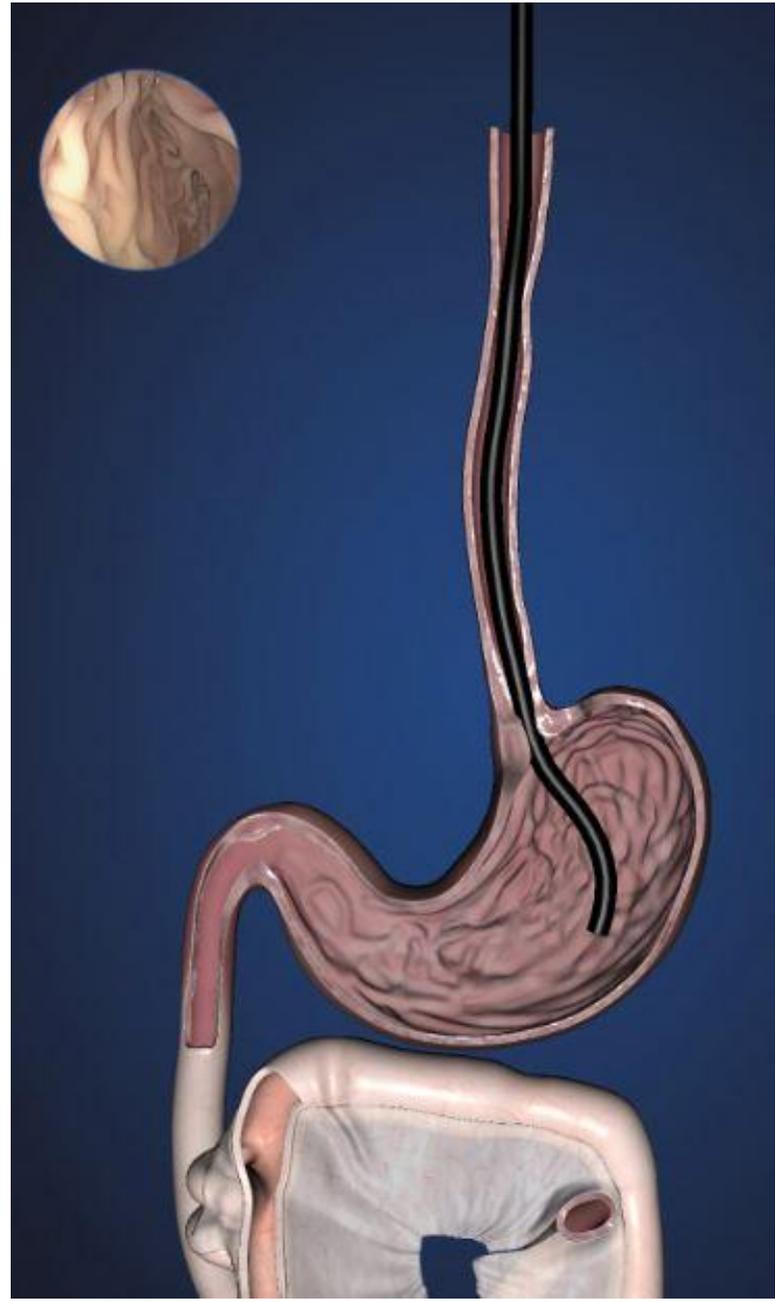
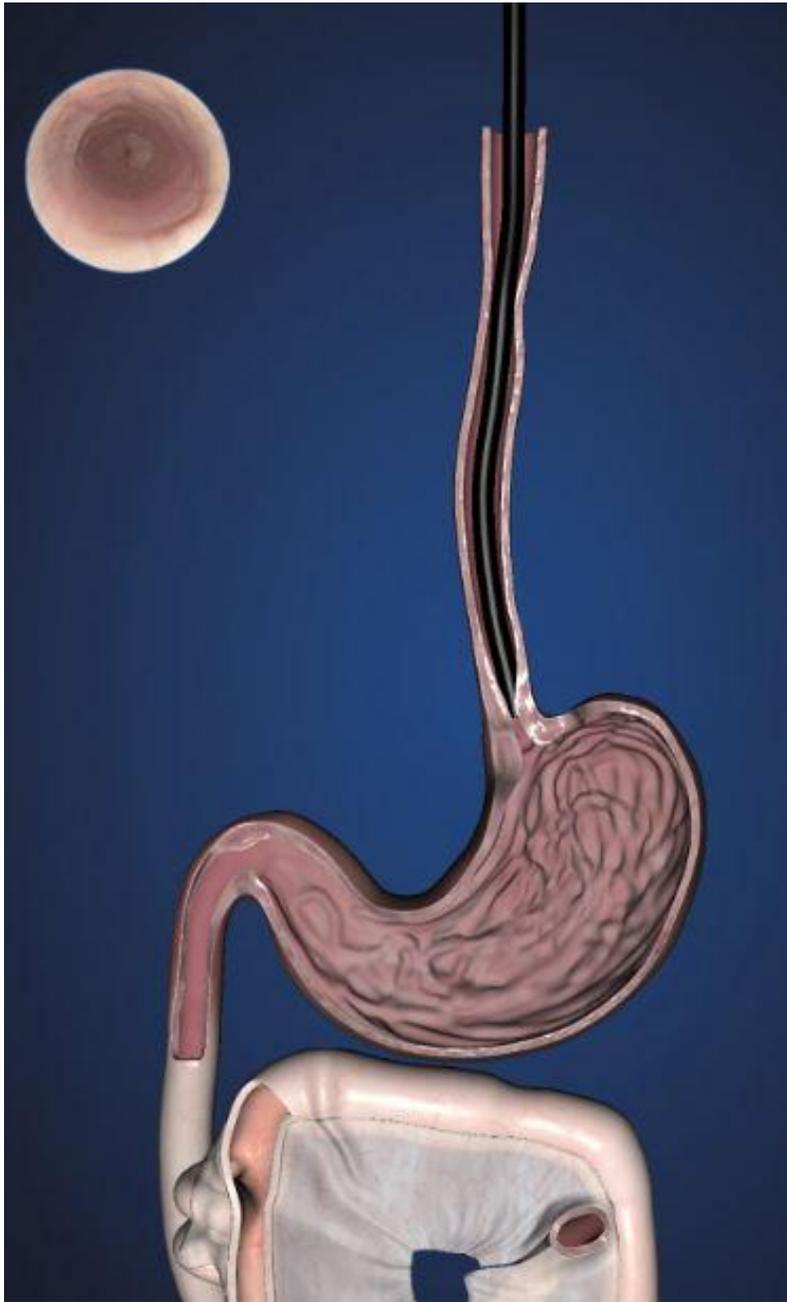
> Pol J Vet Sci. 2020 Dec;23(4):581-588. doi: 10.24425/pjvs.2020.135804.

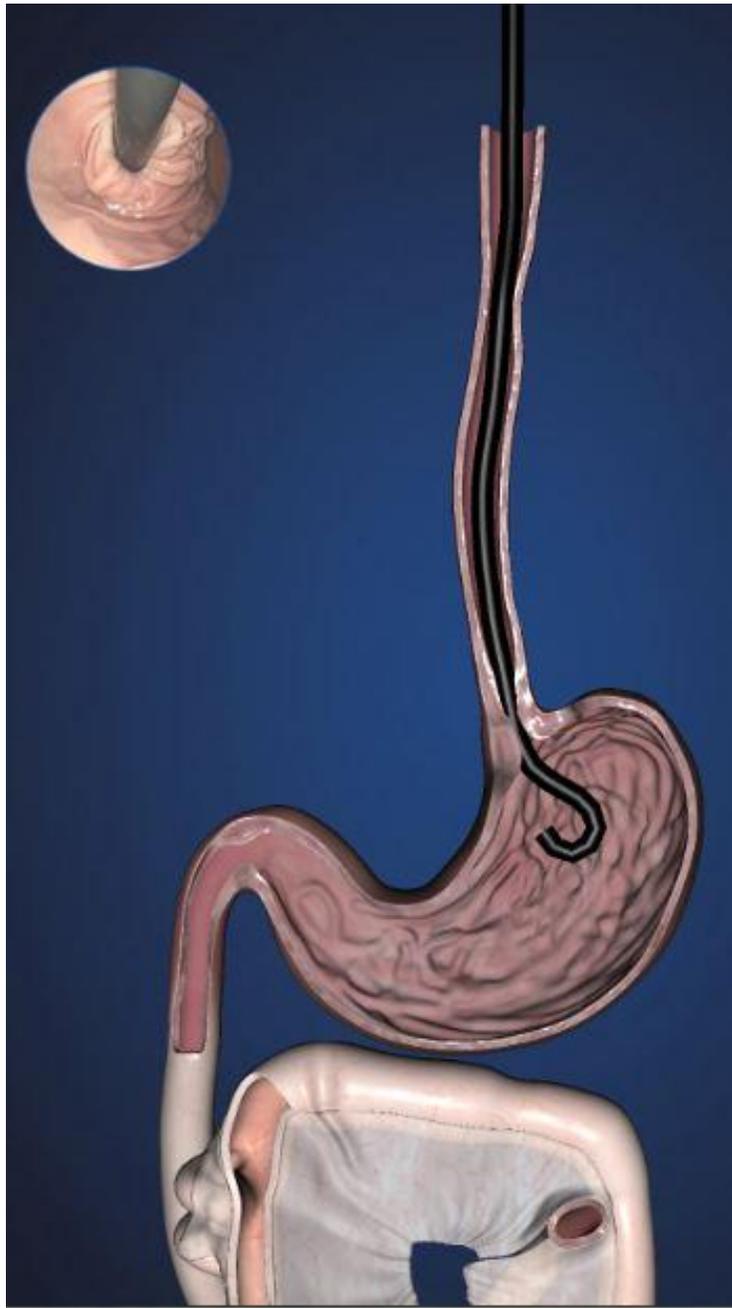
Water immersion vs. air insufflation in canine duodenal endoscopy: is the future underwater?

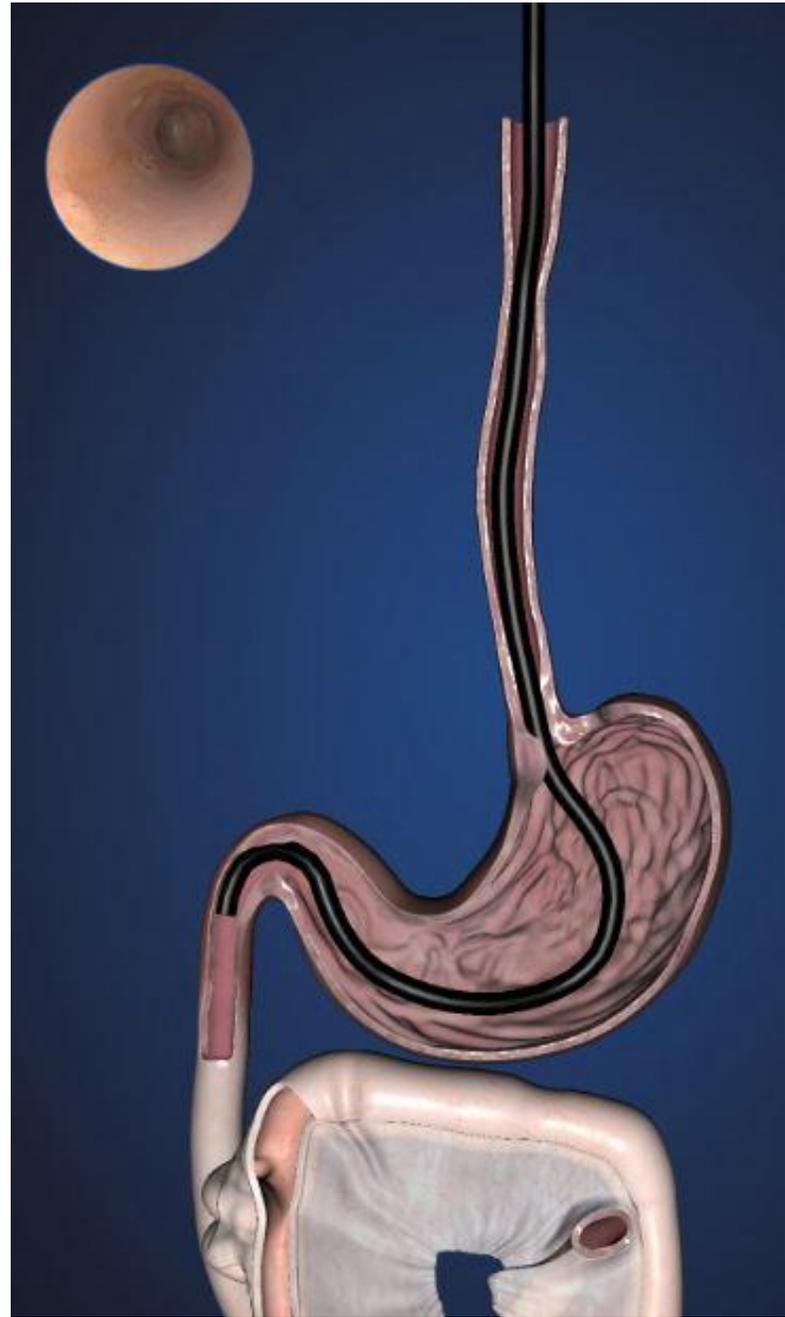
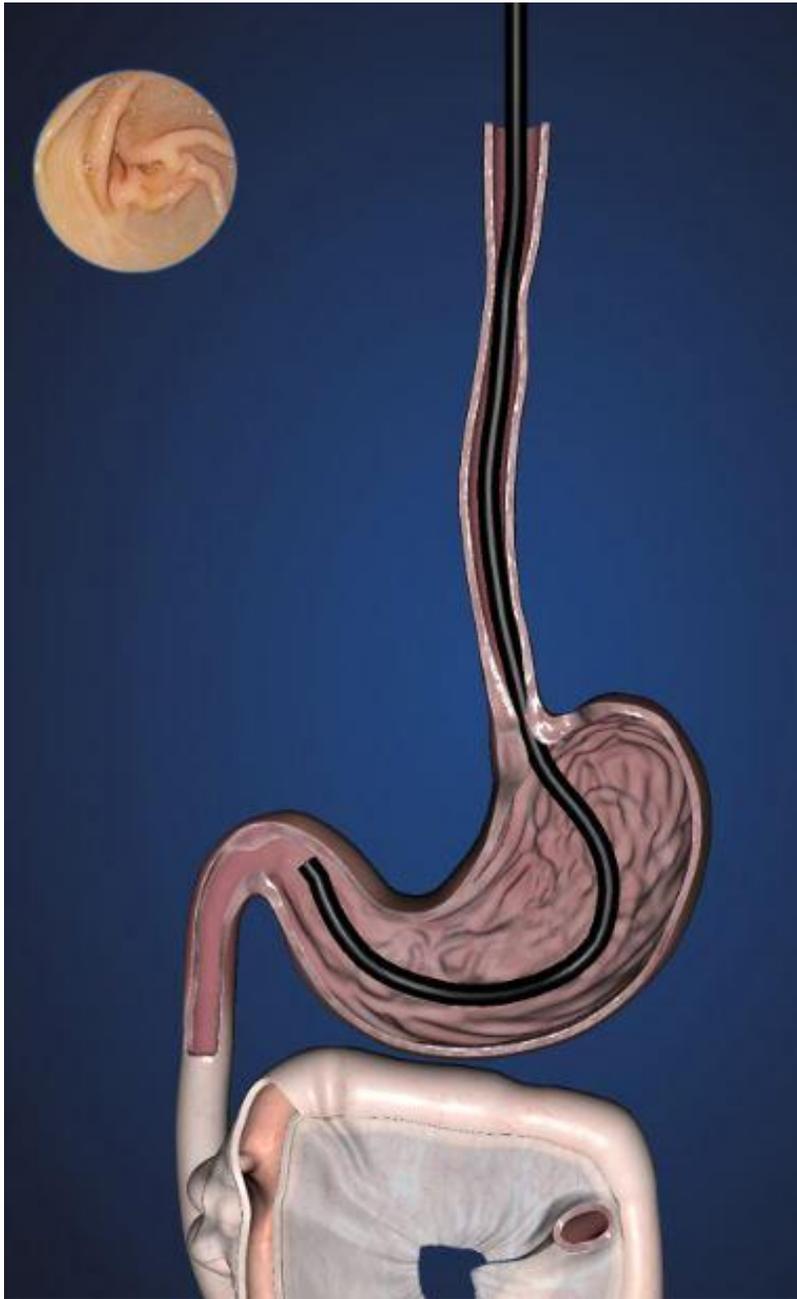
G Galiazzo ¹, F Costantino ¹, A Foglia ¹, G Bitelli ², N Romagnoli ¹, C Lambertini ¹, C Francolini ²,
A Gaspardo ¹, R Chiocchetti ¹, M Pietra ¹











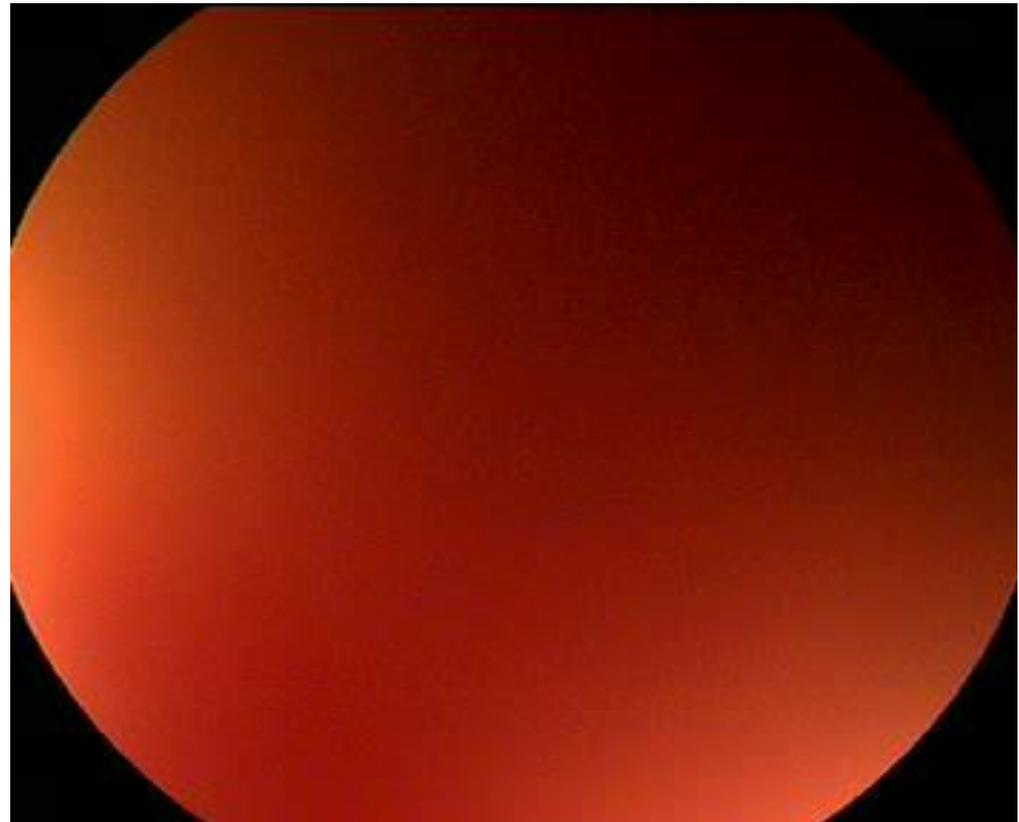


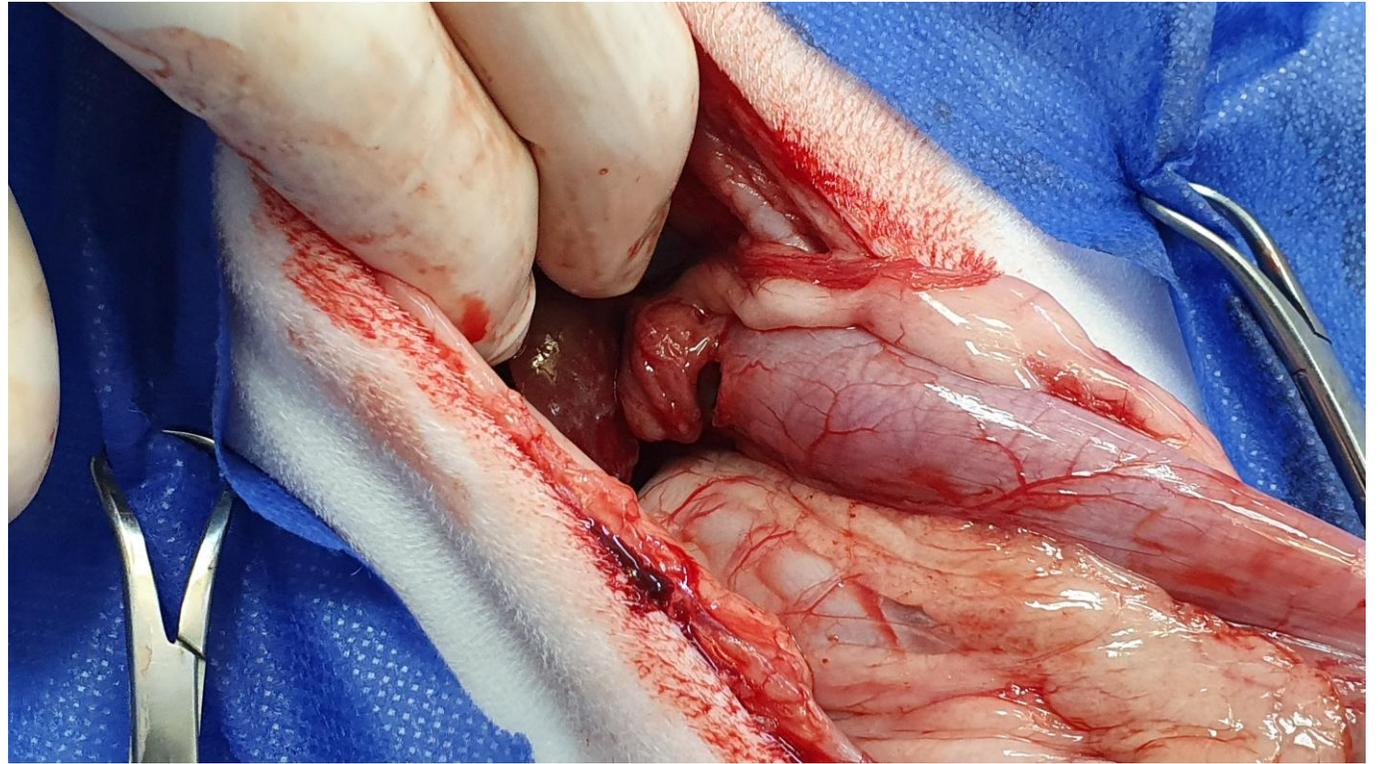
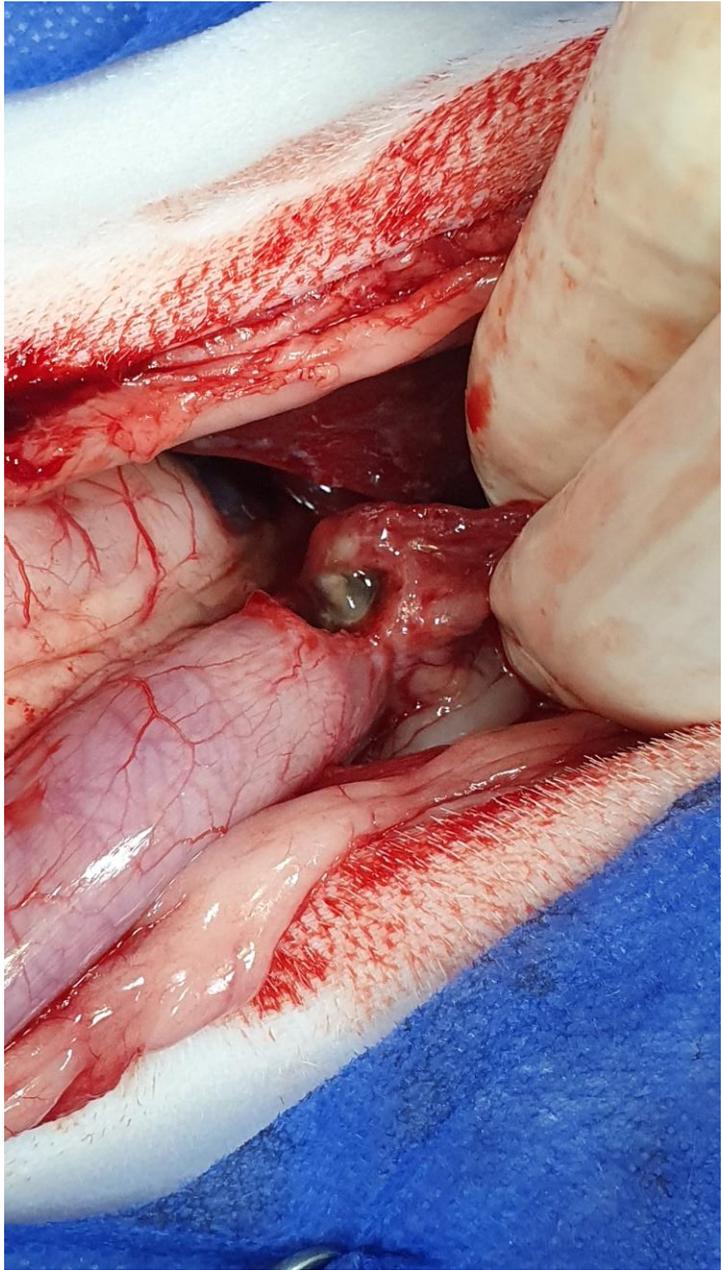
Въведение в ендоскопията

ОСНОВНО НИВО

10-11 март 2026 г.

- Джек Ръсел Териер
- 8 години
- рязко хематемезис
- рефериран от колеги за спешна гастроскопия
- прием на Мелоксикам от една година в доза 0.2мг/кг/24часа, поради CCLR





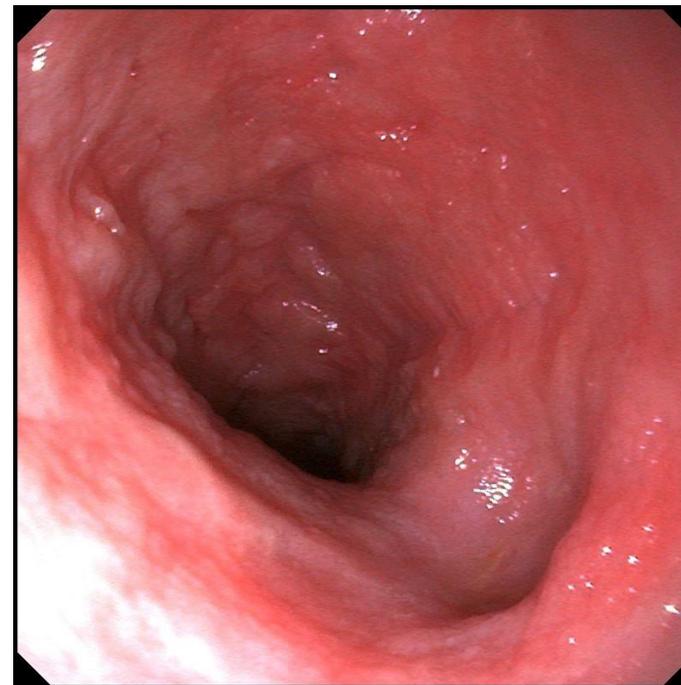


Въведение в ендоскопията

ОСНОВНО НИВО

10-11 март 2026 г.

- Самоед, 4 години
- преди седмица е повърнал чорп
- от тогава перзистиращо повръщане
- *Duodenitis catarrhalis acuta*





Въведение в ендоскопията

ОСНОВНО НИВО

10-11 март 2026 г.

- Английски Булдог, 2 години
- хронично повръщане от 2 месеца
- Duodenitis



- Тоби
- Френски Булдог 8 месеца
- хронично повръщане
- обикновено храна, 7-8 часа след хранене

