**Supplementary Table 1**

Clinical and histopathological characteristics of the 40 dogs with chronic enteropathy.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Group (*n*) | Age (years) | Sex (*n*) | Body weight(kg) | Breeds (*n*) | CCECAI | Histopathological diagnosis in the duodenum (*n*) | WSAVAscore in the duodenum | Histopathological diagnosis in the colon (*n*) | WSAVA score in the colon | Clinical signs (*n*) |
| FRE (13) | 6.8(2.0–12.4) | M (2), Mn (5), F (2), Fs (4) | 4.6(1.8–19.8) | Maltese (2), Miniature Dachshund (3), Toy Poodle (2), Miniature Schnauzer (1), Papillon (1), Pomeranian (1), Shetland Sheepdog (1), Shiba (1), Beagle (1) | 5(2–16) | Lymphoplasmacytic duodenitis (10), Lymphoplasmacytic and eosinophilic duodenitis (3) | 9 (4–12) | Lymphoplasmacytic colitis (13) | 5(1–6) | Vomiting (9), Large bowel diarrhea (4), Small and large bowel diarrhea (4) |
| ARE (6) | 9.2(2.4–12.1) | M (2), Fs (4) | 7.15(3.3–29.7) | Beagle (1), Border Collie (1), Flat-Coated Retriever (1), Miniature Dachshund (1), Kaninchen Dachshund (2) | 2(0–11) | Lymphoplasmacytic duodenitis (6) | 10 (4–12) | Lymphoplasmacytic colitis (6) | 5.5(2–8) | Vomiting (4), Small bowel diarrhea (1), Large bowel diarrhea (3), Small and large bowel diarrhea (1) |
| IRE (21) | 8.6(1.8–14.1) | M (3), Mn (11), F (2), Fs (5) | 6.3(3.3–24) | Pembroke Welsh Corgi (2), Shiba (2), American Pit Bull Terrier (1), Border Collie (1), Boston Terrier (1), Brussels Griffon (1), Cavalier King Charles Spaniel (1), Cross-breed (3), French Bulldog (1), Jack Russell Terrier (1), Maltese (2), Miniature Dachshund (1), Pug (1), Toy Poodle (2), Wire Fox Terrier (1) | 7(3–14) | Lymphoplasmacytic duodenitis (17), Lymphoplasmacytic and eosinophilic duodenitis (2), Lymphoplasmacytic and neutrophilic duodenitis (1), Lymphoplasmacytic, neutrophilic, and eosinophilic duodenitis (1) | 10(3–15) | Lymphoplasmacytic colitis (17), Lymphoplasmacytic and eosinophilic colitis (2) | 5(1–9) | Vomiting (7), Small bowel diarrhea (7), Large bowel diarrhea (4), Small and large bowel diarrhea (9) |

Age, body weight, CCECAI, and WSAVA scores are shown as median (range).

FRE, food-responsive enteropathy; ARE, antibiotic-responsive enteropathy; IRE, immunosuppressant-responsive enteropathy; M, intact male; Mn, neutered male; F, intact female; Fs, spayed female; CCECAI, canine chronic enteropathy clinical activity index; WSAVA, World Small Animal Veterinary Association.