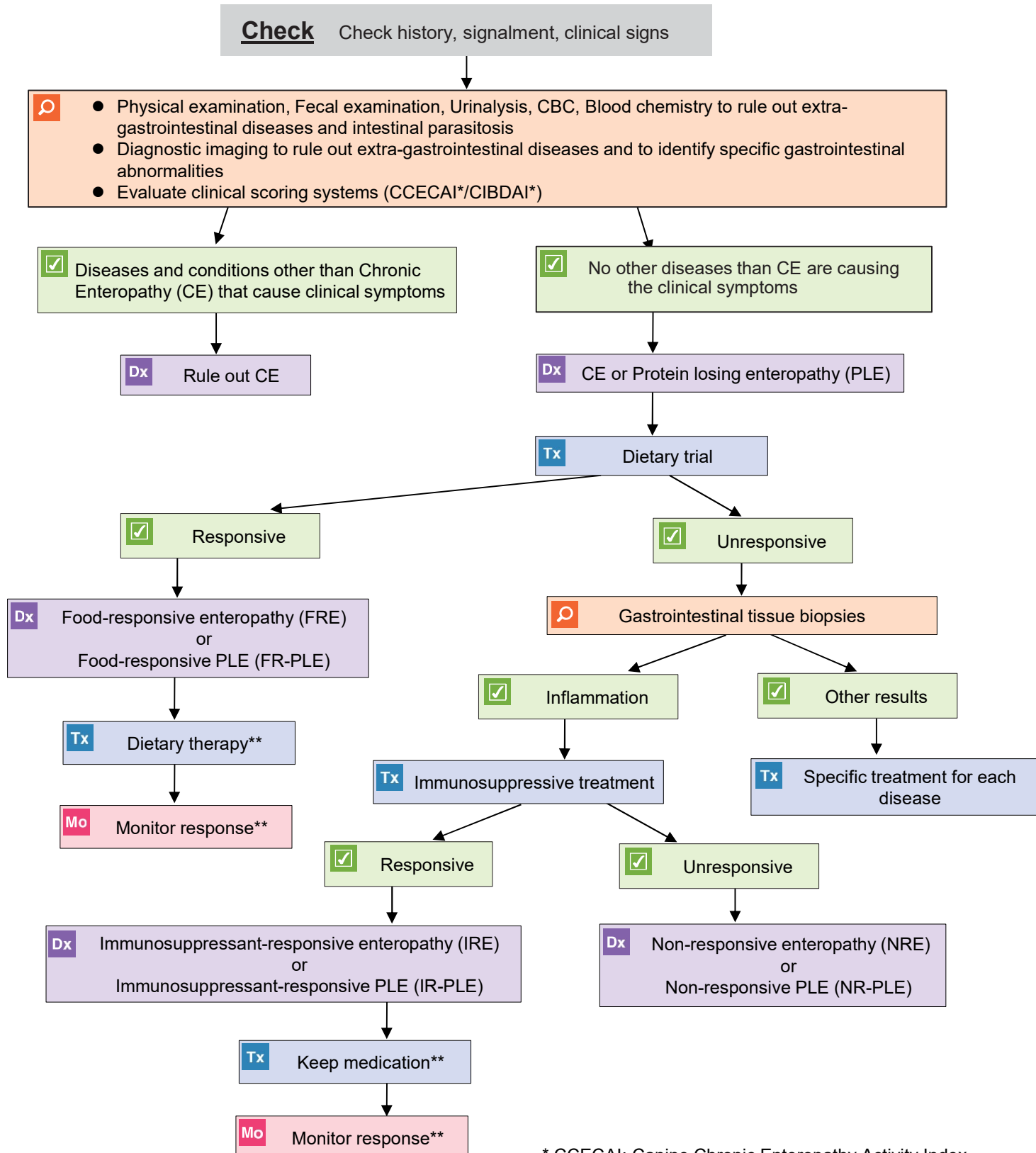




Canine Chronic Enteropathy

Diagnosis

Ex Examination **Tx** Treatment **Mo** Monitor
Dx Diagnosis **✓** Result



* CCECAI: Canine Chronic Enteropathy Activity Index

* CIBDAI: Canine Inflammatory Bowel Disease Activity Index

** See back page

Diagnosis and Treatment of Canine Chronic Enteropathy

History, signalment, and clinical signs

Chronic gastrointestinal signs:

anorexia, weight loss, vomiting, diarrhea persisting ≥ 3 weeks

Signalment:

Boxer and French Bulldog (granulomatous colitis)

History:

Diet, Deworming, Vaccination, Drug, Environment

Examination

To rule out extra-gastrointestinal diseases and intestinal parasitosis:

- Physical examination (Body weight, Temperature, Pulse, Respiration, Blood pressure, Palpation, Rectal examination)
- Fecal examination (direct examination, flotation, ELISA for Giardia spp., consider other specific tests depending on geographic location)
- Blood test (CBC, Biochemistry including electrolytes and Total bile acid)
- Urinalysis
- Gastrointestinal blood panel (TLI, cortisol, validated lipase assay, cobalamin, folate)

To rule out extra-gastrointestinal diseases and to identify specific gastrointestinal abnormalities:

- Diagnostic imaging (radiography, ultrasonography)

Evaluate clinical scoring systems (CCECAI*/CIBDAI*)

Dx **Diagnosis** (see front page)

Treatment

FRE or FR-PLE

Small intestinal signs

Highly digestible diet

Hydrolyzed or novel protein diet

Large intestinal signs

Fiber-enriched diet

Hydrolyzed or novel protein diet

Hypoalbuminemia (PLE)

Low-fat diet

IRE or IR-PLE

Prednisolone (1–2 mg/kg/sid)

Budesonide (3–5 mg/m²/sid)

Chlorambucil (3–6 mg/m²/sid)

Cyclosporine (5 mg/kg/sid)

Others

Pre-/pro-/synbiotics

Diagnosis and Treatment of Canine Chronic Enteropathy

Mo Monitor

Treatment response:
Improvement of CCECAI/CIBDAI *

* CCECAI/CIBDAI evaluation Jergens AE, et al. J Vet Intern Med. 2003; Allenspach K, et al. J Vet Intern Med. 2007

	0	1	2	3
Attitude/activity	Normal	Slightly decreased	Moderately decreased	Severely decreased
Appetite	Normal	Slightly decreased	Moderately decreased	Severely decreased
Vomiting	Normal	Mild (1/w)	Moderately (2-3/w)	Severely (>3/w)
Stool consistency	Normal	Slightly soft feces	Very soft feces	Watery diarrhea
Stool frequency	Normal	Slightly increased (2-3/d) or fecal blood, mucus, or both	Moderately increased (4-5/d)	Severely increased (>5/d)
Weight loss	Normal	Mild (<5%)	Moderate (5-10%)	Severe (>10%)
Albumin levels	>2.0 g/dL	1.5-1.99 g/dL	1.2-1.49 g/dL	<1.2 g/dL
Ascites and peripheral edema	None	Mild ascites or peripheral edema	Moderate amount of ascites or peripheral edema	Severe ascites/pleural effusion and peripheral edema
Pruritus	No pruritus	Occasional episodes of itching	Regular episodes of itching, but stops when dog is sleeping	Dog regularly wakes up because of itching

CIBDAI
Clinically insignificant: ≤3
Mild: 4-5
Moderate: 6-8
Severe: ≥9

CCECAI
Clinically insignificant: ≤3
Mild: 4-5
Moderate: 6-8
Severe: 9-11
Very severe: ≥12



Dr. Noriyuki Nagata
Associate Professor, Gifu University
DVM, PhD



FUJIFILM Corporation

26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN

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