
ALICAM Ambulatory Light-based Imaging Report

Patient Name:
Patient Age: 7
Patient ID: 7152599
Owner Name
Interpreting Veterinarian: Brian Hardy DVM, MS, DACVIM (SAIM)
Affiliation: Infiniti Medical
Referring Veterinarian:
Referring Clinic:
Procedure Date: Monday, June 08, 2015
Capsule SN: J1436.0076

First Gastric Image: Time: 0:01:19, Frame: 158
First Duodenal Image: Time: 0:58:13, Frame: 3397
First Cecal Image: Time: 2:51:10, Frame: 7050
Gastric Transit Time: 0:56:55
Small Bowel Transit Time: 1:52:57

Clinical History:

On and off vomiting and diarrhea since March. Improves when fed only rice water. No improvement with different diets.

Currently not on any meds. Has been on metronidazole, convenia, cerenia, famotidine, benadryl and drontal. Chronic ear infections and hot spots.

Findings:

Image 1 (Frame Number: 158, Transit Time: 0:01:19)



First gastric image

Image 2 (Frame Number: 262, Transit Time: 0:04:17)



Moderately irregular gastric mucosa

Image 3 (Frame Number: 316, Transit Time: 0:05:00)



Moderately irregular gastric mucosa

Image 4 (Frame Number: 460, Transit Time: 0:07:09)



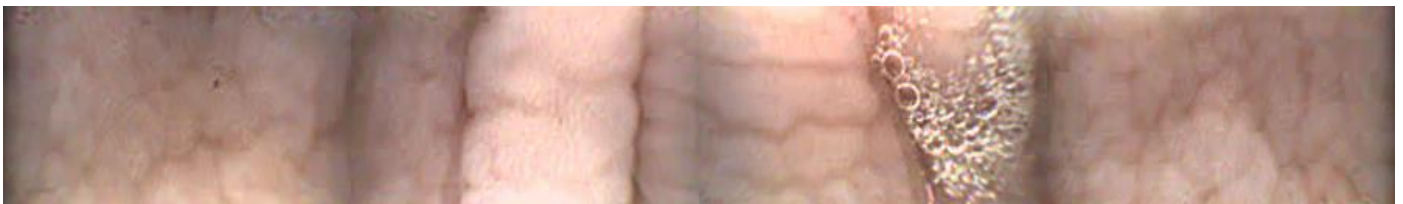
Moderately irregular and erythematous gastric mucosa

Image 5 (Frame Number: 511, Transit Time: 0:08:04)



Moderately irregular gastric mucosa

Image 6 (Frame Number: 593, Transit Time: 0:09:16)



Moderately irregular gastric mucosa

Image 7 (Frame Number: 655, Transit Time: 0:09:58)



Moderately irregular gastric mucosa

Image 8 (Frame Number: 953, Transit Time: 0:16:35)



Moderately irregular gastric mucosa

Image 9 (Frame Number: 1063, Transit Time: 0:17:49)



Moderately irregular and erythematous gastric mucosa

Image 10 (Frame Number: 1350, Transit Time: 0:22:27)



Moderate-markedly irregular gastric mucosa

Image 11 (Frame Number: 1955, Transit Time: 0:27:42)



Pylorus

Image 12 (Frame Number: 3074, Transit Time: 0:47:30)



Moderate-markedly irregular gastric mucosa

Image 13 (Frame Number: 3269, Transit Time: 0:53:49)



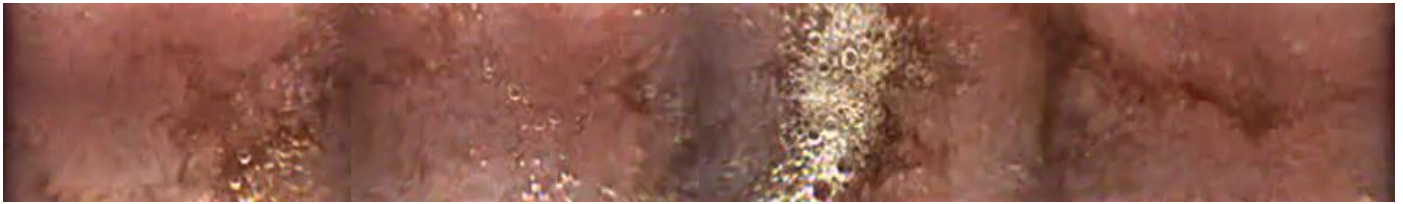
Moderately irregular gastric mucosa

Image 14 (Frame Number: 3397, Transit Time: 0:58:13 (Small Bowel Time 0:00:00 (00%)))



First duodenal image

Image 15 (Frame Number: 3408, Transit Time: 0:58:28 (Small Bowel Time 0:00:15 (00%)))



Moderately irregular duodenal mucosa

Image 16 (Frame Number: 3787, Transit Time: 1:07:18 (Small Bowel Time 0:09:04 (10%)))



Moderately irregular SI mucosa

Image 17 (Frame Number: 4037, Transit Time: 1:13:16 (Small Bowel Time 0:15:02 (17%)))



Moderately irregular SI mucosa

Image 18 (Frame Number: 4050, Transit Time: 1:13:28 (Small Bowel Time 0:15:15 (17%)))



Moderately irregular SI mucosa

Image 19 (Frame Number: 4232, Transit Time: 1:15:49 (Small Bowel Time 0:17:35 (22%)))



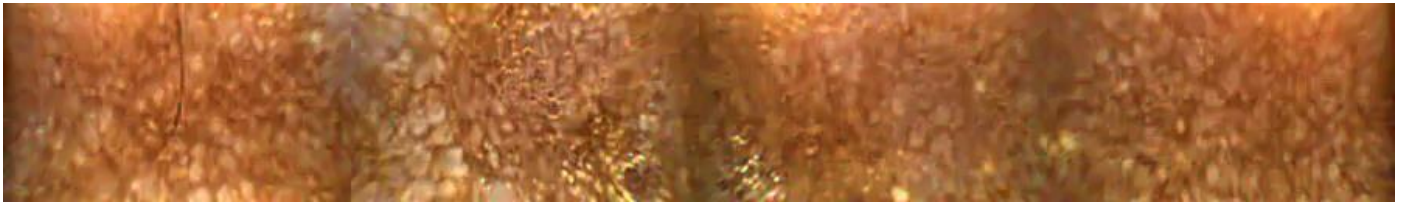
Moderately irregular SI mucosa with few dilated lacteals (arrows)

Image 20 (Frame Number: 4400, Transit Time: 1:19:50 (Small Bowel Time 0:21:36 (27%)))



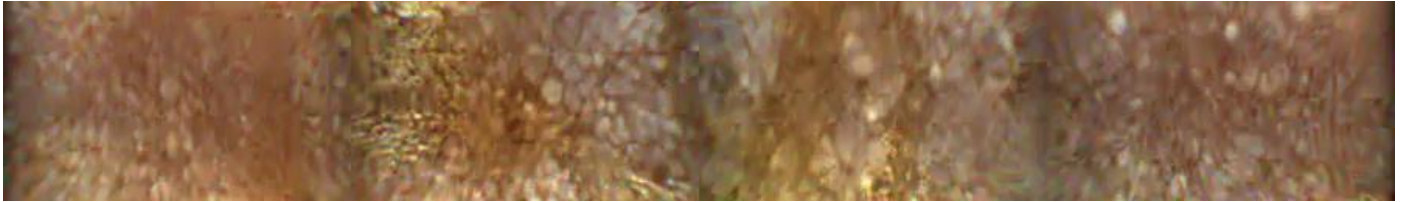
Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 21 (Frame Number: 4446, Transit Time: 1:21:12 (Small Bowel Time 0:22:58 (28%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 22 (Frame Number: 4602, Transit Time: 1:26:28 (Small Bowel Time 0:28:14 (32%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 23 (Frame Number: 4657, Transit Time: 1:30:13 (Small Bowel Time 0:31:59 (34%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 24 (Frame Number: 4692, Transit Time: 1:32:11 (Small Bowel Time 0:33:58 (35%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 25 (Frame Number: 4715, Transit Time: 1:32:41 (Small Bowel Time 0:34:27 (36%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 26 (Frame Number: 4841, Transit Time: 1:36:51 (Small Bowel Time 0:38:38 (39%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 27 (Frame Number: 4889, Transit Time: 1:38:04 (Small Bowel Time 0:39:50 (40%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 28 (Frame Number: 4966, Transit Time: 1:40:43 (Small Bowel Time 0:42:30 (42%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 29 (Frame Number: 5016, Transit Time: 1:44:25 (Small Bowel Time 0:46:11 (44%)))



Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 30 (Frame Number: 5113, Transit Time: 1:46:58 (Small Bowel Time 0:48:45 (46%)))



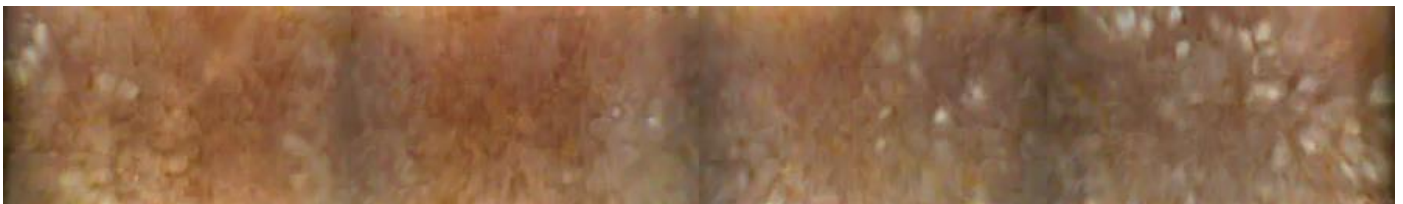
Moderate-markedly irregular SI mucosa with numerous dilated lacteals

Image 31 (Frame Number: 5909, Transit Time: 2:14:49 (Small Bowel Time 1:16:35 (68%)))



Moderately irregular SI mucosa with few dilated lacteals

Image 32 (Frame Number: 6072, Transit Time: 2:23:54 (Small Bowel Time 1:25:41 (73%)))



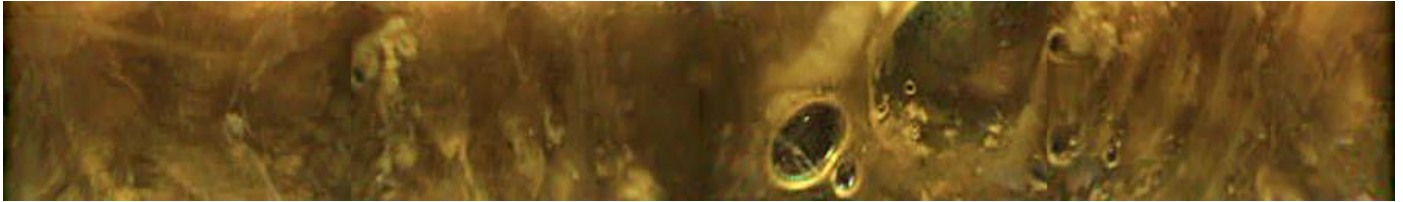
Moderately irregular SI mucosa with few dilated lacteals

Image 33 (Frame Number: 6310, Transit Time: 2:33:48 (Small Bowel Time 1:35:35 (79%)))



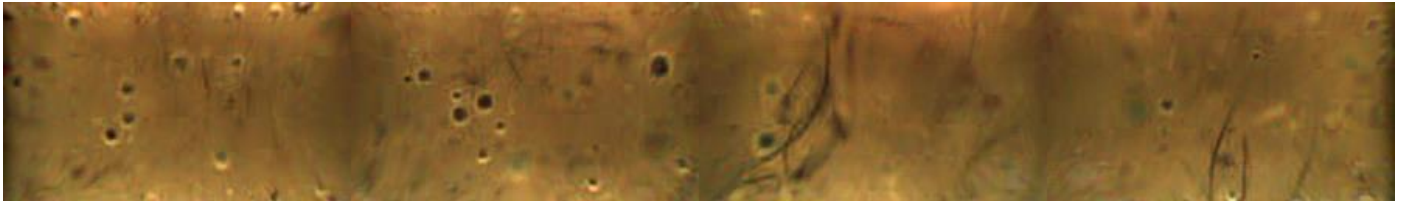
Mildly irregular SI mucosa with few dilated lacteals

Image 34 (Frame Number: 7050, Transit Time: 2:51:10 (Small Bowel Time 1:52:57))



First colonic image

Image 35 (Frame Number: 12469, Transit Time: 17:16:27)



Final frame

Finding Summary and Recommendations:

Findings:

The capsule acquired 12,491 images during 17h 16m of imaging.

The gastric mucosa is diffusely moderate-markedly irregular/cobblestone appearing with patchy areas of erythema.

Gastric transit time is normal at 57min.

The proximal duodenum is moderately irregular, with rare dilated lacteals. The middle of the small intestine has moderate-marked irregularity, with numerous dilated lacteals. Mild-moderate mucosal irregularity and lacteal dilation is seen in the distal SI/ileum.

The entirety of the colonic mucosa is obscured by feces.

Recommendations:

The GI lesions seen and clinical findings are most consistent with lymphangiectasia with concurrent GI inflammation. A primary inflammatory process with secondary lacteal dilation and even infiltrative disease are also considered. Histopathology would be needed to confirm this diagnosis. The most severe gross lesions are seen in the jejunum, so surgical biopsies would be recommended.

Alternatively, empiric therapy for lymphangiectasia/IBD could be initiated.


Therapeutic options for this patient include:

Ultra low fat diet (Royal Canin GI Low Fat, Hill's i/d low fat, homemade

Immunosuppressives: prednisolone 1.1mg/kg PO q12h. Chlorambucil, cyclosporine or azathioprine may also be beneficial in refractory cases.

Antibiotics: metronidazole or tylosin

Cobalamin supplementation if serum level is found to be low on pending GI panel.

Signature:  _____ Date: 6/16/15

Contact Information: hardy@infinitemedical.com (650) 327-5000