

The Children's Hospital [REDACTED]  
Esophagogastroduodenoscopy Exam Images

Patient:

JESSICA  
VIJAYMURUGESH

Attending Physician:

[REDACTED] M.D.

Patient ID:

MRN-55331406

Referring Physician:

[REDACTED] M.D.

Exam Date:

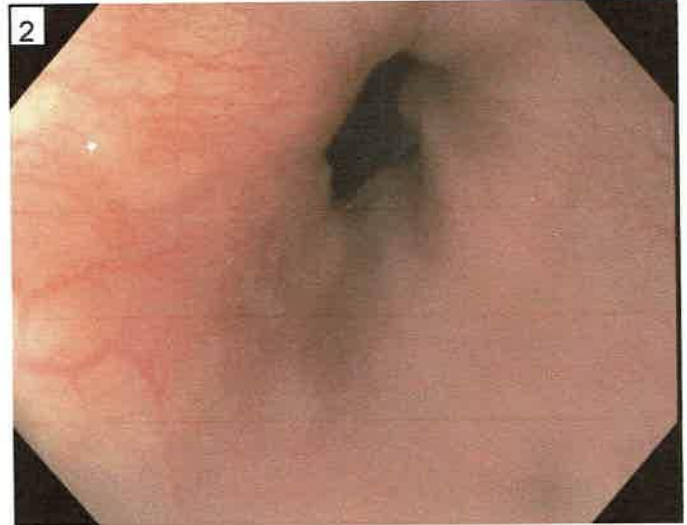
06/02/2016

Scope(s) Used:

GIF-H190-2515832-6



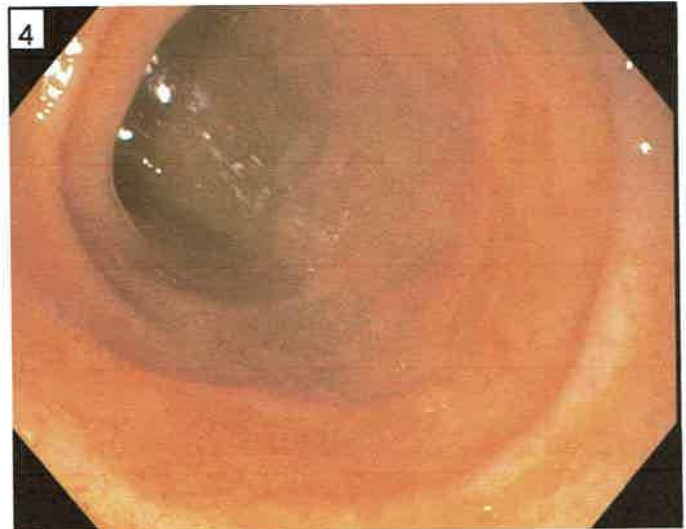
esophagus



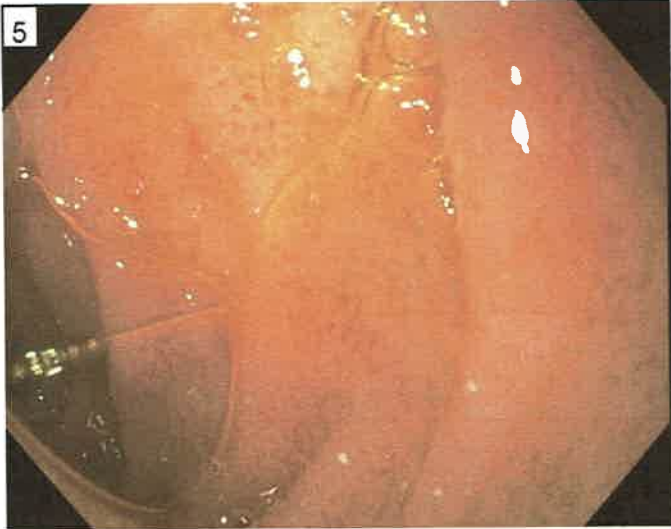
esophagus



antrum



duodenum

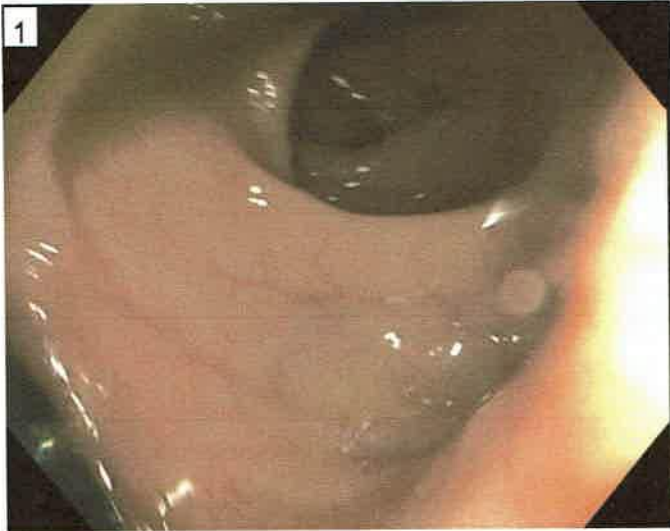


duodenum

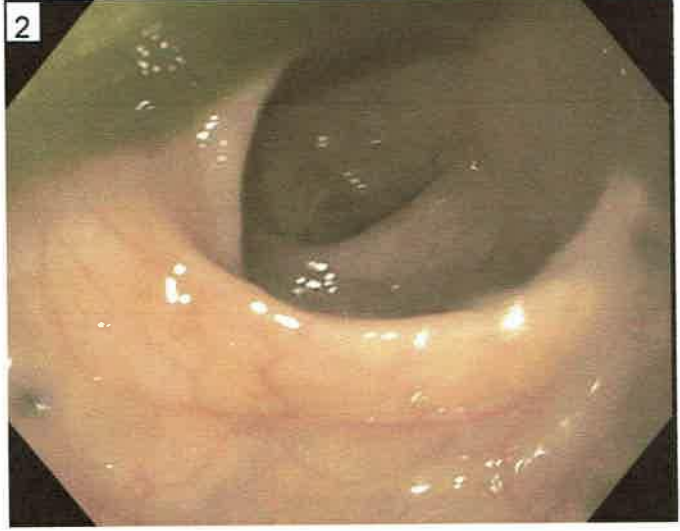
The Children's Hospital  
Colonoscopy Exam Images

Patient: JESSICA  
VIJAYMURUGESH  
Patient ID: MRN-55331406  
Exam Date: 06/02/2016

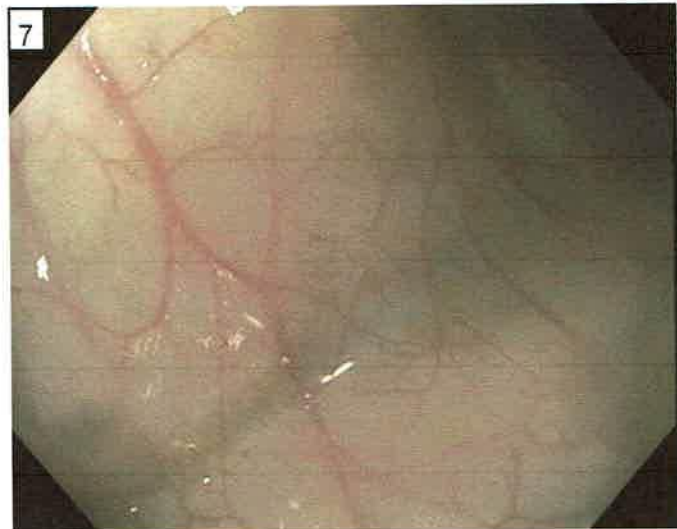
Attending Physician: [REDACTED] M.D.  
Referring Physician: [REDACTED]  
Scope(s) Used: PCF-H190L-2517721-13



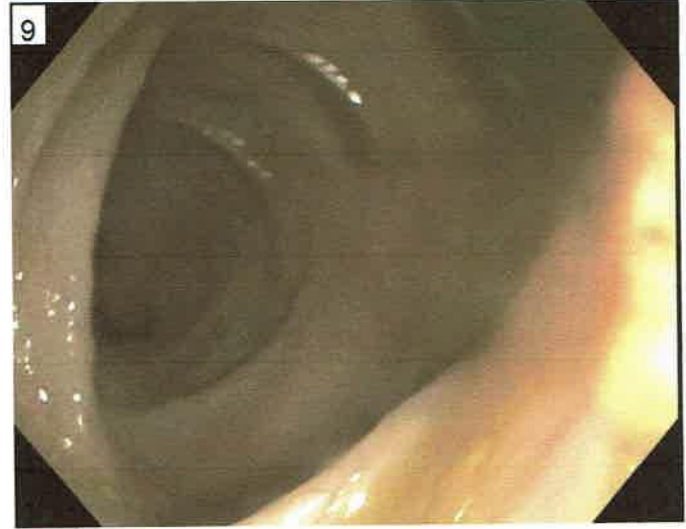
rectum



rectum



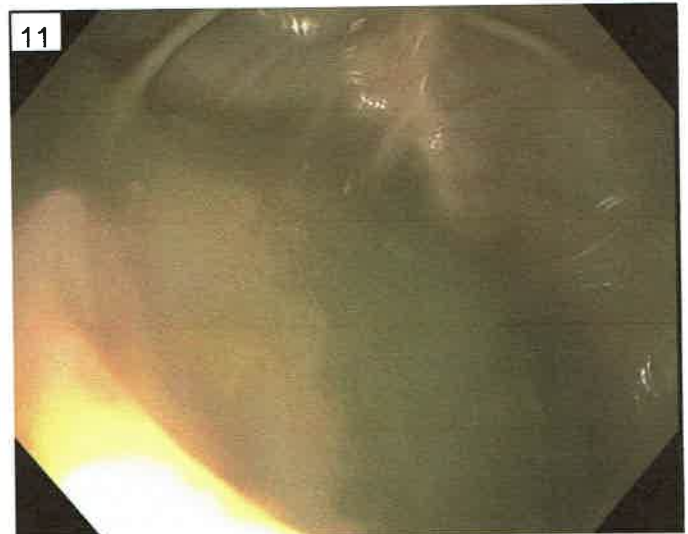
ascending colon



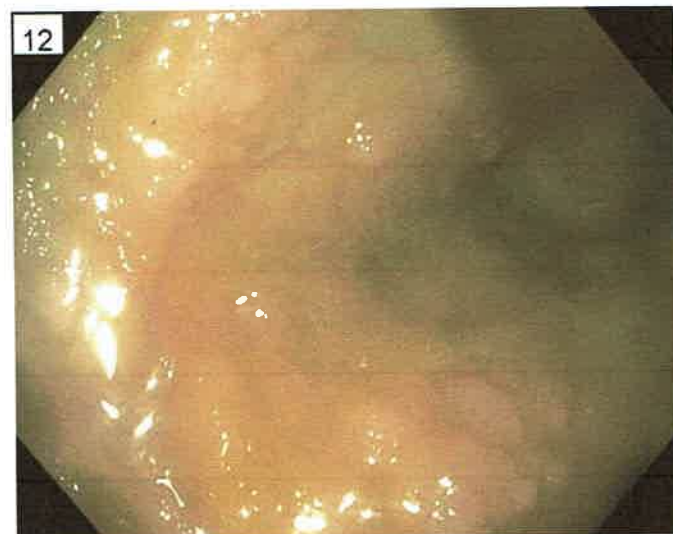
transverse



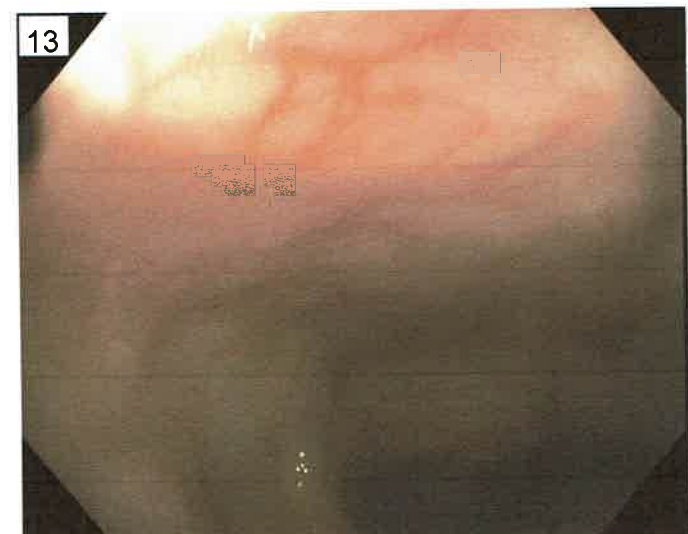
cecum



cecum



terminal ileum



ascending colon

### History & Physical (continued)

H&P by [REDACTED] MD at 6/2/2016 8:09 AM (continued)

#### Revision History

Date/Time	User	Provider Type	Action
> 6/2/2016 8:09 AM	[REDACTED] MD	Anesthesiologist	Sign

Attribution information within the note text is not available.

### Lab Results

Resulted: 06/06/16 1051, Result status: Final result

#### GI Pathology Surgical Specimen [102010762]

Ordering provider: [REDACTED] MD 06/03/16 0000 Resulting lab: [REDACTED]

#### Specimen Collection

Type	Source	Collected On
Esophagus	Esophagus	06/02/16 0830

#### Components

	Value	Reference Range	Flag	Lab
Pathology Surgical	--			
Comment: Interpreted by: [REDACTED] MD, Signed on 06/06/2016 at 10:50				
Result:				
A. ESOPHAGUS, BIOPSY: SQUAMOUS MUCOSA. NO PATHOLOGIC DIAGNOSIS.				
B. ANTRUM, BIOPSY: ANTRAL TYPE GASTRIC MUCOSA. NO PATHOLOGIC DIAGNOSIS.				
C. DUODENUM, BIOPSY: DUODENAL MUCOSA. NO PATHOLOGIC DIAGNOSIS.				
D. TERMINAL ILEUM, BIOPSY: PATCHY, MILDLY ACTIVE ILEITIS PRIMARILY INVOLVING ONE OF THREE FRAGMENTS.				
E. RIGHT COLON, BIOPSY: COLONIC MUCOSA. NO PATHOLOGIC DIAGNOSIS.				
F. LEFT COLON, BIOPSY: COLONIC MUCOSA. NO PATHOLOGIC DIAGNOSIS.				

Pathology Surgical Gross --

Result:

A: The specimen is received in formalin in a container labeled with the patient's name, medical record number and designated "esophagus". It consists of four irregular fragments of white tissue measuring 0.1 x 0.1 x 0.1 cm up to 0.2 x 0.2 x 0.1 cm. The specimen is entirely submitted in cassette A1.B: The specimen is received in formalin in a container labeled with the patient's name, medical record number and designated "antrum". It consists of two irregular fragments of red-tan tissue measuring 0.2 x 0.2 x 0.1 cm each. The specimen is entirely submitted in cassette B1.C: The specimen is received in formalin in a container labeled with the patient's name, medical record number and designated "duodenum". It consists of five irregular fragments of red-tan tissue measuring 0.4 x 0.2 x 0.1 cm up to 0.7 x 0.2 x 0.1 cm. The specimen is entirely submitted in cassette C1.D: The specimen is received in formalin in a container labeled with the patient's name, medical record number and designated "terminal

Lab - All Results

Disaccharidase Analysis/Interp [72190722] (Abnormal)

Resulted: 11/24/17 1552 Result status: Final result

Ordering provider: [REDACTED] MD 11/24/17 0824 Order status: Completed

Resulting lab: [REDACTED]

Priority: Routine

Narrative:

enzyme 3%ile 10%ile mean sd n

lactase	15.4	17.0	33.4	16.4	1213
maltase	103.7	120.0	213.3	87.6	1715
sucrase	28.7	33.9	63.9	28.0	1734
palatinase	8.6	10.0	16.4	6.0	1734
glucoamylase	24.6	27.4	48.7	18.2	66

(data from normal patients)

Received frozen: yes

Biopsy size: ok

Biopsy status: ok

These results were manually entered in part into EpicCare. You can find complete report in the attached scan.

11/30/2017 12:24 PM

Impression:

The intestinal biopsy from this patient had decreased lactase activity.

Specimen Collection

Type	Source	Collected By
		11/24/17 0850

Components

	Value	Reference Range	Flag	Lab
Lactase Activity	12.9	15.4 uMol/min/g Protein	A	AIDHC
Maltase Activity	139.0	103.7 uMol/min/g Protein		AIDHC
Sucrase Activity	34.4	28.7 uMol/min/g Protein		AIDHC
Palatinase Activity	10.8	8.6 uMol/min/g Protein		AIDHC
Glucosamylase Activity	33.2	24.6 uMol/min/g Protein		AIDHC

PANCREATIC ENZYME ASSAY [72190723] (Abnormal)

Resulted: 11/24/17 1552 Result status: Edited Result - FINAL

Ordering provider: [REDACTED] MD 11/24/17 0824 Order status: Completed

Resulting lab: [REDACTED]

Priority: Routine

Narrative:

Protein A L C T E

3% 0.6 10.3 165.2 4.8 306.9 10.5

Mean 3.8 54.7 632.2 18.5 1063.5 57.1

N 1825 76 141 33 36 290

Statistics are from secretin stimulated fluids of normal patients.

\*ND: Not Detected.

Received frozen: Yes

These results were manually entered in part into EpicCare. You can find complete report in the attached scan.

12/4/2017

Impression:

The duodenal fluid of this patient had normal peak pancreatic enzyme activities.

Specimen Collection

Type	Source	Collected By
Duodenal fld		11/24/17

Components

	Value	Reference Range	Flag	Lab
PH #1-DUOD FL	4.3			AIDHC
PH #2-DUOD FL	4.9			AIDHC
PH #3-DUOD FL	4.0			AIDHC
PH #4-DUOD FL	4.3			AIDHC
PROTEIN #1-DUOD FL	4.7	mg/ml		AIDHC
PROTEIN #2-DUOD FL	5.6	mg/ml		AIDHC
PROTEIN #3-DUOD FL	4.5	mg/ml		AIDHC

Lab - All Results (continued)

PANCREATIC ENZYME ASSAY [72190723] (Abnormal) (continued)				Resulted: 11/24/17 1552	Result status: Edited Result - FINAL
PROTEIN #4-DUOD FL	5.3	mg/ml			AIDHC
Amylase #1-Duod Fl	1.0	10.3 umol/min/ml	A		AIDHC
Amylase #2-Duod Fl	11.9	10.3 umol/min/ml			AIDHC
Amylase #3-Duod Fl	0.1	10.3 umol/min/ml	A		AIDHC
Amylase #4-Duod Fl	2.0	10.3 umol/min/ml	A		AIDHC
LIPASE #1-DUOD FL	21.9	165.2 nmol/min/ml	A		AIDHC
LIPASE #2-DUOD FL	183.5	165.2 nmol/min/ml			AIDHC
LIPASE #3-DUOD FL	15.4	165.2 nmol/min/ml	A		AIDHC
LIPASE #4-DUOD FL	31.9	165.2 nmol/min/ml	A		AIDHC
CHYMOTRYPSIN #1-DUOD FL	8.2	4.8 umol/min/ml			AIDHC
CHYMOTRYPSIN #2-DUOD FL	10.8	4.8 umol/min/ml			AIDHC
CHYMOTRYPSIN #3-DUOD FL	5.4	4.8 umol/min/ml			AIDHC
CHYMOTRYPSIN #4-DUOD FL	7.4	4.8 umol/min/ml			AIDHC
TRYPsin #1-DUOD FL	258.5	306.9 nmol/min/ml	A		AIDHC
TRYPsin #2-DUOD FL	737.3	306.9 nmol/min/ml			AIDHC
TRYPsin #3-DUOD FL	130.2	306.9 nmol/min/ml	A		AIDHC
TRYPsin #4-DUOD FL	438.5	306.9 nmol/min/ml			AIDHC
ELASTASE #1-DUOD FL	2.3	10.5 nmol/min/ml	A		AIDHC
ELASTASE #2-DUOD FL	30.6	10.5 nmol/min/ml			AIDHC
ELASTASE #3-DUOD FL	1.1	10.5 nmol/min/ml	A		AIDHC
ELASTASE #4-DUOD FL	11.3	10.5 nmol/min/ml			AIDHC

Pathology Report [72198993] Resulted: 11/27/17 1644, Result status: Final result

Ordering provider: [Redacted] 1226 Order status: Completed  
 Resulting lab: [Redacted]  
 Priority: Routine

Specimen Collection

Type	Source	Collected By
		11/24/17 1220

Components

	Value	Reference Range	Flag	Lab
Path Report	-			AIDHC
Result				
S17-3041				
Surgical Procedure Pediatric upper GI endoscopy.				
Preoperative Diagnosis Failure to thrive.				
Postoperative Diagnosis Normal proximal esophagus, mid esophagus, distal esophagus. Normal gastric body, antrum, cardia, and gastric fundus. Normal duodenal bulb, first portion of the duodenum, second portion of the duodenum, and third portion of the duodenum. Fluid aspiration performed.				
Clinical History {Not Provided}				
Final Pathologic Diagnosis A. Distal esophagus: Squamous mucosal biopsies showing a rare intraepithelial eosinophil compatible with mild focal esophagitis. Pending deeper levels. B. Stomach: Gastric mucosal biopsies, antral and oxyntic types, showing mild focal eosinophilia of the lamina propria, up to 16 eosinophils per high-power field focally, consistent with mild nonspecific gastritis (see diagnosis comment). C. Duodenum: Small bowel mucosal biopsies showing preserved villous architecture without significant pathology.				
Diagnosis Comment The presence of mild eosinophilia in some of the gastric biopsies is nonspecific. Diagnostic considerations might include infection, food allergy hypersensitivity, reaction to drugs, among others. Clinical correlation is suggested.				

Lab - All Results (continued)

Pathology Report [72198993] (continued)

Resulted: 11/27/17 16:44, Result status: Final result

[Redacted]  
Wilmington, DE 19803  
Tel: (302) [Redacted] Fax: (302) [Redacted]

Surgical Pathology Report

Patient Name:	<b>VIJAY MURUGESH, JESSICA</b>	Accession #:	<b>S17-3041</b>
Med. Rec. #:	30743985	Client:	[Redacted]
DOB:	9/16/2010 (Age: 7)	Location:	PACU
Gender:	F	Copy To:	
Physician(s):	[Redacted] MD	Collected:	11/24/2017
		Received:	11/24/2017

**Surgical Procedure**

Pediatric upper GI endoscopy.

**Preoperative Diagnosis**

Failure to thrive.

**Postoperative Diagnosis**

Normal proximal esophagus, mid esophagus, distal esophagus. Normal gastric body, antrum, cardia, and gastric fundus. Normal duodenal bulb, first portion of the duodenum, second portion of the duodenum, and third portion of the duodenum. Fluid aspiration performed.

**Clinical History**

{Not Provided}

**Final Pathologic Diagnosis**

- A. Distal esophagus: Squamous mucosal biopsies showing a rare intraepithelial eosinophil compatible with mild focal esophagitis. Pending deeper levels.
- B. Stomach: Gastric mucosal biopsies, antral and oxyntic types, showing mild focal eosinophilia of the lamina propria, up to 16 eosinophils per high-power field focally, consistent with mild nonspecific gastritis (see diagnosis comment).
- C. Duodenum: Small bowel mucosal biopsies showing preserved villous architecture without significant pathology.

**Diagnosis Comment**

The presence of mild eosinophilia in some of the gastric biopsies is nonspecific. Diagnostic considerations might include infection, food allergy hypersensitivity, reaction to drugs, among others. Clinical correlation is suggested.

\*\*\*Electronically Signed Out by [Redacted]\*\*\*  
11/27/2017 16:44

By his/her signature above, the pathologist listed as making the Final Diagnosis certifies that he/she has personally reviewed this case and confirmed or corrected the diagnoses.

**Specimen(s) Received**

- A: Distal esophagus, biopsy
- B: Stomach, biopsy
- C: Duodenum, biopsy