

Case Study:

Samantha Custodio: Digestive Disorder

As the mother of four young boys ages 1 to 10, Samantha Custodio didn't have time to be sick. But last fall, there she was, sidelined with severe abdominal pain, diarrhea, bleeding, and stomach cramps.

"I couldn't go anywhere without the constant fear that I would be struck with sudden severe twisting in my guts," says the Milton, Pa., resident. "I was miserable. My husband — who's an emergency nurse— and I both thought it was food poisoning."



Her primary care doctor thought so, too. But after weeks of testing for bacteria, parasites, and infection — which were all negative — she was referred to a gastroenterologist.

Samantha felt relieved.

"I was so sick for so long. All I wanted were answers," she says. "I felt confident a specialist could help." At her first appointment with the gastroenterologist, Samantha described her symptoms and reviewed her history with the doctor.

"She was amazing. Before doing any tests, the doctor suspected she knew what it was," says Samantha. Two days later, the doctor performed a colonoscopy procedure that confirmed her suspicions. Samantha had ulcerative colitis, an inflammatory bowel disease that causes inflammation and ulcers in the lining of the large intestine or colon. There is no cure for ulcerative colitis, but medicine can help. Samantha was immediately prescribed medication to calm the inflammation and allow the tissue to heal. Within days, her symptoms began to subside. "I felt so much better," she says.

Samantha continues to see the doctor every three to four months for careful management of her disease.

"Now that it's diagnosed and being managed properly, everything has changed," she adds. "I can take long walks with the kids, go bike riding, shopping — without any worry."

**Bowel elimination is an essential function for the human body. Clients are often embarrassed about needing help with these functions.**

Reflect on ways you can help your client (Samantha) to be more comfortable accepting help while getting their needs met. What could you say? What could you do?

## Disorders of Absorption and Elimination

Match the term with the definition.

- |                                                    |                                                                                                |                                                          |
|----------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| 1. Colonoscopy ____                                | A. An incarcerated hernia whose blood supply has been cut off leading to tissue death          |                                                          |
| 2. Peritonitis ____                                | B. Age 40 and up; IBD; genetics; high fat, high protein, low fiber diet; polyps                |                                                          |
| 3. Irreducible hernia ____                         |                                                                                                | C. Increase fiber & fluids; stool softener; Sitz bath    |
| 4. Irritable bowel syndrome (IBS) ____             |                                                                                                | D. Swollen, twisted, varicose veins in the rectal region |
| 5. Bowel obstruction types ____                    |                                                                                                | E. Inflammation of the appendix                          |
| 6. Ulcerative colitis s/s ____                     |                                                                                                | F. Inflammation of the diverticula                       |
| 7. Non-mechanical bowel obstruction treatment ____ | G. Mechanical or paralytic                                                                     |                                                          |
| 8. Diverticulitis ____                             | H. Examination of the colon using a flexible scope                                             |                                                          |
| 9. Diverticulitis Treatment ____                   | I. Bloody diarrhea, pain, weight loss                                                          |                                                          |
| 10. Appendicitis (definition) ____                 | J. RLQ pain, low grade fever, nausea, rebound tenderness                                       |                                                          |
| 11. Appendicitis S/S ____                          | K. Can be fatal if not treated promptly                                                        |                                                          |
| 12. Colon cancer risk factors ____                 | L. GI rest; NPO; ambulate; IV fluids                                                           |                                                          |
| 13. Colon cancer screening ____                    | M. Worms in GI tract                                                                           |                                                          |
| 14. Large bowel obstruction s/s ____               | N. Surgical adaption to waste removal                                                          |                                                          |
| 15. Dehydration S/S ____                           | O. Cannot be returned to its organic region via manual manipulation                            |                                                          |
| 16. Hemorrhoids ____                               | P. I.V. antibiotics, opioids for severe pain, stool softeners and bulk forming laxatives       |                                                          |
| 17. Ostomy ____                                    | Q. wavelike abdominal pain & fecal vomiting                                                    |                                                          |
| 18. Hemorrhoidectomy considerations ____           | R. Surgical removal of all or part of the colon                                                |                                                          |
| 19. Small bowel obstruction s/s ____               | S. Highly transmissible spore containing diarrhea                                              |                                                          |
| 20. Strangulated hernia ____                       | T. Periodic disturbances of bowel function, usually associated with abdominal pain             |                                                          |
| 21. Causes of IBS ____                             | U. Gradual onset; pain; vomiting; distention; bowel sounds present then become hypoactive      |                                                          |
| 22. Hernia ____                                    | V. Dry mucous membranes; Lower urine output and concentrated; Weakness; Hypotension            |                                                          |
| 23. C-Diff ____                                    | W. Factors include heredity, stress, high-fat diet, irritating foods, alcohol, and smoking use |                                                          |
| 24. Colectomy ____                                 | X. Ages 50-75; fecal occult blood test annually ; Colonoscopy q10y                             |                                                          |
| 25. Parasitic infections ____                      | Y. Protrusion of the intestine through a weakness in the abdominal wall                        |                                                          |