

Please review the following case studies and evaluate them to the best of your ability. You should treat these case studies as if they were your own patients and determine what treatment protocol to recommend. Don't worry, you won't have to turn in your answers for a grade. These assignments should be treated as more of a self-study tool to help you measure your progress throughout the course. We have also provided an answer key detailing the treatment protocol recommended by Chris and his staff for your comparison.

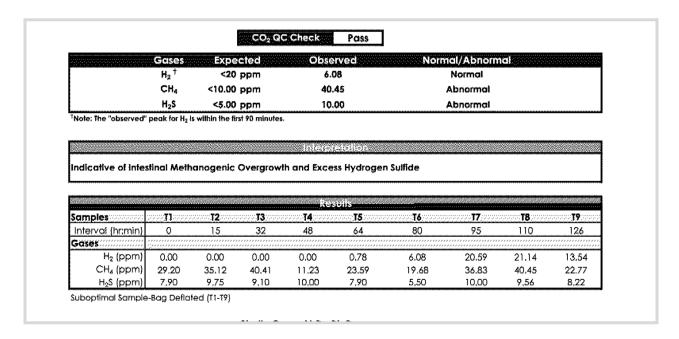
You may also want to discuss the cases with others in the ADAPT Forum.

Gut Review Case Assignments

CASE 1, STEP 1:

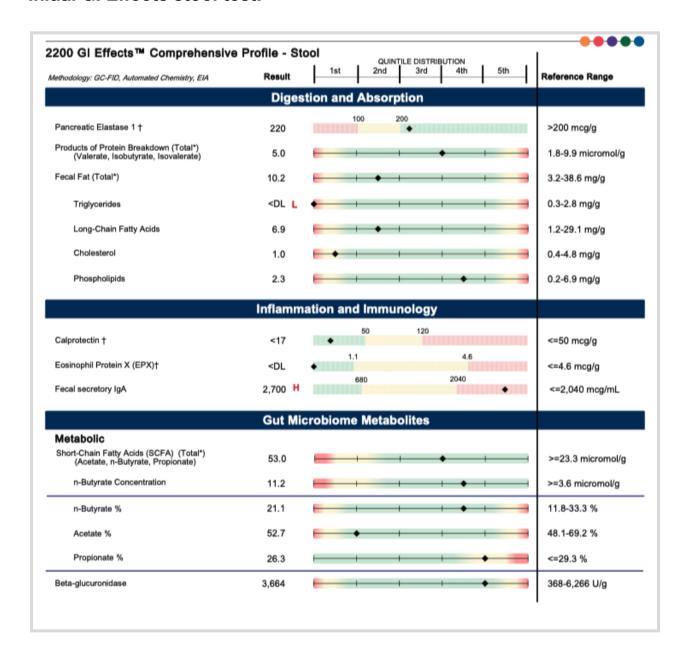
The patient is a 64-year-old female who presents with constipation, bloating, and abdominal discomfort in her upper gastrointestinal tract after eating and feels that her food "just sits there," making her feel very full. She also reports weight loss resistance, brain fog, dry skin, and fatigue. Additionally, she describes hair thinning and itchy scalp.

Initial small intestinal bacterial overgrowth (SIBO) breath test:

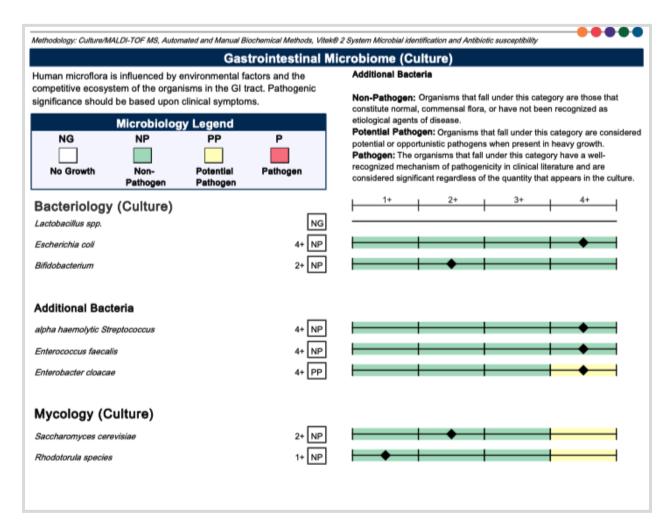




Initial GI Effects stool test:









Parasitology

Microscopic O&P Results

Microscopic O&P is capable of detecting all described gastrointestinal parasites. The organisms listed in the box represent those commonly found in microscopic stool analysis. Should an organism be detected that is not included in the list below, it will be reported in the Additional Results section. For an extensive reference of all potentially detectable organisms, please visit www.gdx.net/product/gi-effects-comprehensive-stool-test

Genus/species	Result	
Nematodes - roundworms		
Ancylostoma/Necator (Hookworm)	Not Detected	
Ascaris lumbricoides	Not Detected	
Capillaria philippinensis	Not Detected	
Enterobius vermicularis	Not Detected	
Strongyloides stercoralis	Not Detected	
Trichuris trichiura	Not Detected	
Cestodes - tapeworms		
Diphyllobothrium latum	Not Detected	
Dipylidium caninum	Not Detected	
Hymenolepis diminuta	Not Detected	
Hymenolepis nana	Not Detected	
Taenia spp.	Not Detected	
Trematodes - flukes		
Clonorchis/Opisthorchis spp.	Not Detected	
Fasciola spp./ Fasciolopsis buski	Not Detected	
Heterophyes/Metagonimus	Not Detected	
Paragonimus spp.	Not Detected	
Schistosoma spp.	Not Detected	
Protozoa		
Balantidium coli	Not Detected	
Blastocystis spp.	Not Detected	
Chilomastix mesnili	Not Detected	
Cryptosporidium spp.	Not Detected	
Cyclospora cayetanensis	Not Detected	
Dientamoeba fragilis	Not Detected	
Entamoeba coli	Not Detected	
Entamoeba histolytica/dispar	Not Detected	
Entamoeba hartmanii	Not Detected	
Entamoeba polecki	Not Detected	
Endolimax nana	Not Detected	
Giardia	Not Detected	
lodamoeba buetschlii	Not Detected	
Cystoisospora spp.	Not Detected	
Trichomonads (e.g. Pentatrichomonas)	Not Detected	
Additional Findings		
White Blood Cells	Not Detected	
Charcot-Leyden Crystals	Not Detected	

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Add-on Testing					
Methodology: EIA	Result	Expected Value			
HpSA - <i>H. pylori</i>	Positive	Negative	HpSA (Helicobacter pylori stool antigen) Helicobacter pylori is a bacterium that causes peptic ulcer disease and plays a role in the development of gastric cancer. Direct stool testing of the antigen (HpSA) is highly accurate and is appropriate for diagnosis and follow-up of infection.		



Write down what patterns you see in the above test results. Identify the imbalance and write out the treatment plan you have in mind for this patient. See the answers to this case study in the Case 1, Step 1 Answers handout. Move on to Case 1, Step 2 for follow-up test results.