

The digestive tract is vulnerable to infection by many different types of pathogenic microorganisms through ingestion. While the stomach's acidic environment acts as a significant barrier against many microorganisms, some microorganisms, particularly those with specialized adaptations, can still survive and even thrive in this harsh condition, especially when a large quantity enters the stomach. These microorganisms can also cause intestinal infections when they move to the intestines along with food. Common digestive tract infections include bacteria such as *H. Pylori*, *E. coli*, *Clostridium difficile*, and *Staphylococcus aureus*, viruses such as norovirus, rotavirus, and adenovirus, fungi or mold such as *Candida albicans*, and *Histoplasma* as well as protozoan parasites like *Giardia* and *Cryptosporidium*. Common symptoms of digestive tract infections include diarrhea or constipation, nausea, vomiting, stomach cramps, abdominal pain, chills or fever, fatigue and bloody stools. In severe conditions, the infected bacteria form biofilms and become resistant to the treatment of antibiotics causing ulcerations in the digestive tract.

1. Digestive Tract Bacterial Infections, Inflammation, and Food Poisoning

Food poisoning can be caused by ingesting food that is contaminated with pathogenic microorganisms. Symptoms range from mild stomach and intestinal discomfort to severe dehydration and bloody diarrhea. If these bacteria harbor the digestive tract, toxins secreted by pathogenic microbes can irritate the lining of the stomach and intestines causing inflammation. Patients may experience persistent symptoms including bloating, gas, poor digestion, irregular bowel movements, and ammonia-smelling stools. Besides bacterial infection, fungi and/or viral infections can also cause digestive tract inflammations. Chronic intestinal inflammation can disrupt its structure allowing germs and food allergens to enter the bloodstream causing food allergies, constipation or diarrhea, and liver inflammation.

Wellness Recommendation

According to Traditional Chinese Medicine (TCM), the inflammation of the digestive tract is a condition referred to as GI Heat. Probiosis removes heat from the GI tract to reduce gut inflammation, inhibits the growth of pathogenic bacteria in the gut and resolves the associated symptoms. Patients may initially experience diarrhea as toxins are expelled from the gut. Patients can experience symptom improvement in 1-3 days. Depending on the severity of the condition, 1-2 weeks of treatment is required for significant improvement and sustained results.

2. Pancreatitis, Duodenitis, Small Intestinal Infections and Bacterial Overgrowth (SIBO)

Small intestinal bacterial overgrowth (SIBO) is a condition in which bacteria normally found in the colon proliferate in large numbers in the small intestine. SIBO can cause irritable bowel syndrome (IBS), because toxic bacterial mycotoxins produced can irritate the enteric nervous system causing nerve malfunction. Symptoms include cramping, belly pain, bloating, gas, diarrhea or constipation, or both.

The excess bacteria present in SIBO can also trigger inflammation of the duodenum, the first part of the small intestine, leading to symptoms like abdominal pain, bloating, and diarrhea. Due to the proximity of the pancreas to the duodenum, duodenum inflammation often can cause pancreatitis. It was shown that some bacteria such as *Campylobacter* that cause gastroenteritis can also cause pancreatitis. Symptoms of pancreatitis include constipation and moderate to severe upper abdominal pain that radiates from front to back.

Wellness Recommendation

According to TCM, pancreatitis, duodenitis, small intestinal bacterial infections, or overgrowth (SIBO) are referred to as Heat and Toxins in the gut. PA in combination with Probiosis is recommended to clear the gut heat and Toxins. PA helps clear inflammation and infection in the pancreas, and duodenum. Probiosis reduces small intestine inflammation and suppresses bacterial growth to lower the bacterial population in the small intestine. For patients with IBS, Luna is also recommended to nurture the enteric nervous system to help regain its functionality. Patients can experience symptom improvement in 1- 3 days. 2-4 weeks of treatment is required to have significant improvement and sustained results.

3. Bacterial Infection of the Colon and Rectum, Amebiasis, Colitis, Ulceration and Fistula

Pathogenic bacterial infection of the rectum and colon can cause inflammations and result in symptoms of acute and/or chronic diarrhea. The infection can also cause intestinal bleeding with symptoms of blood in the stool and lower abdominal pain especially on the left side.

Amebiasis is a parasitic infection of the colon caused by the protozoan *Entamoeba histolytica*. The parasite invades the colon wall causing colitis with symptoms of acute or chronic diarrhea, abdominal pain, excessive gas, or blood in stool in severe cases. *E. histolytica* can also penetrate the intestinal wall and infect the liver and kidney through blood circulation.

Colitis is a chronic inflammation of the inner lining of the colon caused by infections, loss of blood supply in the colon, inflammatory bowel disease (IBD), and invasion of the colon wall with white blood cells (autoimmune). Symptoms include chronic diarrhea, mucus and blood in stool, abdominal pain and distention, as well as colon ulceration in severe cases.

Patients with colitis can develop colonic ulcers with open sores in the colon after using nonsteroidal anti-inflammatory drugs (NSAIDs) and from chronic infections. It usually occurs at the descending colon. Symptoms include pain in the lower left quadrant of the abdomen, general abdominal pain, diarrhea or loose stools, bloody or black stool, mucus in stool, chills, or fever, loss of appetite, nausea, ulcers in the mouth, and weight loss. Other complications include anemia, mineral imbalance, anxiety, hepatitis, heart palpitations, cold sensitivity, headache, and dizziness.

A fistula is an abnormal tube-like connection between two organs or vessels. An anal fistula is most commonly caused by an anal abscess, a painful collection of pus that usually develops after a small gland inside the anus becomes infected with bacteria.

Wellness Recommendation

According to TCM, the colon and rectum infection and inflammation are referred as to Heat and Toxin in the colon and rectum. Inflammation of the colon in colitis caused by immune overreaction (autoimmune) is referred to as damp and heat in the colon. Probiosis is recommended to clear the intestinal heat and infection. WhiteHead helps clear rectum and colon bacterial infections and inflammation as well as amebiasis to resolve diarrhea. Patients should experience symptom improvement in 1-3 days. 1-2 weeks of treatment is required to have significant improvement and sustained results. Hawthorne is recommended to help calm down immune reactions and reduce colon inflammation to resolve colitis. If there is an ulcer or fistula in the colon, Colitagen is also required to remove blood stagnation and help repair damage in the large intestine. Patients can experience symptom improvement in 1 week. 6 weeks to 3 months of treatment is required to have significant improvement and sustained results. After the ulcer or fistula is healed, it requires additional treatment with Probiosis, PA, Silver and/or WhiteHead for 2-3 weeks to clear bacteria overgrowth in colon.

4. Bacterial Infection of the Appendix and Large Intestines

Appendicitis is the inflammation of the appendix caused by bacteria in the gut that are trapped and multiply in the appendix. This can lead to pus building up in the appendix. Symptoms include lower abdominal pain which can be severe in acute situations as well as fever, nausea, vomiting, diarrhea or constipation. The most commonly identified aerobic bacteria associated with acute appendicitis were *E. coli*, followed by *K. pneumoniae*, *Streptococcus*, *Enterococcus*, and *Pseudomonas aeruginosa*. These bacteria can also infect the large intestines, especially around the appendix area causing diarrhea and abdominal pain, especially on the right side.

Wellness Recommendation

Silver removes Heat and Toxins from the appendix and the large intestine to help clear the infection of the appendix and large intestine and resolve the condition. Patients should experience symptom improvement in 1-3 days. 2-3 weeks of treatment is required for significant improvement and sustained results.

5. Digestive Tract Gram-negative Bacterial Infections

Digestive infections by gram-negative bacteria are difficult to treat because they lack a bacteria cell wall structure and may not respond well to antibiotics that target bacterial cell wall synthesis. The low virulence gram-negative bacteria are even harder to eradicate because they are not actively reproducing. Chronic infections can irritate the digestive tract mucous membrane causing abdominal pain, lethargy, and fever in severe cases.

Wellness Recommendation

Silver is recommended to clear the digestive tract gram gram-negative bacteria Silver that reproduce relatively faster. Slow-growing gram-negative bacterium in the digestive tract is viewed as GI Damp Heat. Formula E helps remove GI Damp Heat and clear the slow-growing gram-negative bacteria. Patients should experience symptom improvement in 3 days. 3-4 weeks of treatment is required to have significant improvement and sustained results.

6. Stomach H. Pylori, Stomach Ulcer, and Co-Infections

H. pylori is a common bacterium that infects the stomach. More than half of all people in the world are infected. *H. pylori* are spiral-shaped bacteria, and the shape of the bacteria allows them to penetrate the stomach mucous lining making the stomach lining cells vulnerable to harsh acids. Many people are asymptomatic. Research has found that patients usually develop symptoms after their stomach is coinfecting by other types of pathogenic microorganisms including fungus such as *Candida* or mycobacterium such as *Mycobacterium Avium Complex* (MAC). The infection causes chronic gastritis with stomach lining inflammation, atrophic gastritis with a loss of gastric glandular cells, or peptic ulcers with open sores in the stomach or duodenum, gastric adenocarcinoma, or stomach cancer. Symptoms of gastritis and peptic ulcers include heartburn, burning pain in the upper abdomen, burping, belching or bloating, nausea, dull ache, loss of appetite, and weight loss.

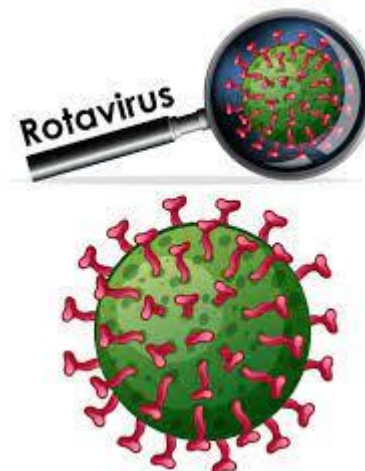
Wellness Recommendation

The *H. pylori* stomach infection is viewed as stomach Heat and Toxins. Formula D removes heat and toxins from the stomach and helps clear stomach and duodenum inflammation and *H. pylori* infection in the stomach. If patients also have co-infection with *Candida*, Formula F and Formula G are recommended. If patients also have mycobacterial infection, Stomacin is recommended. If patients experience severe stomach cramping; Stomacin-2 is recommended. For patients with stomach ulcers, Alpinia is recommended after the infection has been cleared to help heal the ulcer.

Biofilms are the predominant growth state of many microorganisms including *H. pylori* and many bacteria and fungus. 60-80% of microbial infections in the body are caused by bacteria growing as a biofilm, instead of by planktonic (free-floating) bacteria, which makes these microorganisms resistant to the treatment. Since *H. pylori* can form biofilms, Biofilmin formula is also required to remove blood stasis and help break and dissolve the microbial biofilms after the planktonic bacteria has been cleared. Spring Capsule, SJ, Formula B and Probiosis are also required to resolve gastritis and peptic ulcers and relieve related symptoms by enhancing the stomach blood supply, nurturing the stomach lining, opening the pyloric sphincter to emptying the stomach properly and reducing inflammation. Patients can experience symptom improvement in 1-2 weeks. 4-6 weeks of treatment is required to have significant improvement and sustained results.

7. Stomach Flu (Viral Gastroenteritis) and Digestive Tract Viral Infections

Stomach flu is an infection of the stomach and intestines by the virus which causes viral gastroenteritis, with inflammation of the digestive tract. Common symptoms including diarrhea, abdominal cramps and nausea most often appear within 4 to 48 hours after contact with the virus. Patients may also experience other symptoms including chills, clammy skin, sweating, fever, joint stiffness or muscle pain, or poor appetite. A typical stomach flu caused by a norovirus, usually lasts 1 to 3 days; however, the duration can vary depending on the individual and may last up to 1-2 weeks in some cases. For stomach flu caused by rotavirus, it takes about 2-3 days for them to become sick. Then, diarrhea and vomiting may last for up to one week.



Although viral gastroenteritis is commonly called "stomach flu," it is not caused by influenza (flu) viruses. There are several viruses that can cause gastroenteritis. Rotavirus is the leading cause in

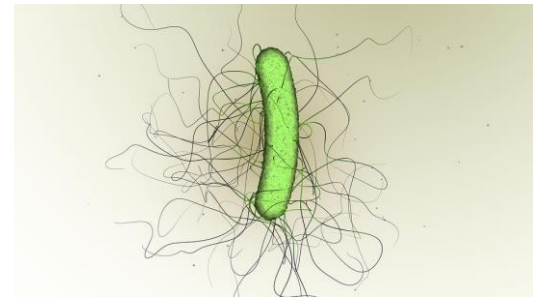
infants and young children. It can affect adults, too, but their symptoms are milder. *Rotavirus* is a double-strand RNA virus in the family *Reoviridae*. There are nine species of the genus, referred to as A, B, C, D, F, G, H, I, and J. *Rotavirus A* is the most common species which causes more than 90% of rotavirus infections in humans. Norovirus is the most common cause in adults. Less common ones include astrovirus and adenovirus which can take up to 10 days to cause symptoms. Both affect children more often than adults.

Wellness Recommendation

Clove formula removes Evil Qi from the digestive tract and enhances the digestive tract immunity to help speed up the clearance of the virus. It also helps reduce digestive tract inflammation and reduce the symptoms. Patients can experience symptom improvement within 1-2 days. 2-4 weeks of protocol is recommended to have significant improvement with sustained results.

8. C. Difficile

C. diff (also known as *Clostridioides difficile* or *C. difficile*) is a gram-positive bacterium that causes diarrhea and colitis. It most commonly occurs after antibiotic use in older patients after a hospital stay. Symptoms often begin within 5 to 10 days after starting an antibiotic and can include diarrhea, fever, stomach pain and tenderness, loss of appetite, and nausea. A severe infection can cause the colon to become inflamed and get larger, called toxic megacolon. Infected tissues can bleed and produce pus which can cause sepsis leading to damage to the body's own tissues. Other complications include dehydration, kidney failure, bowel perforation, and in severe cases death.



Clindamycin, Cephalosporins, Penicillins, and Fluoroquinolones are the antibiotics that most commonly lead to *C. diff* infections. The intestines host a wide array of bacteria, most of which protect the body from the infection. Antibiotics that treat an infection tend to destroy the helpful bacteria in the body as well as the bacteria causing infection. Without enough helpful bacteria, *C. diff* can grow out of control quickly. Antibiotic treatment often triggers *Candida* overgrowth, which is a common complication among *C. diff* patients.

Wellness Recommendation

The recommendation for *C. diff* and toxic megacolon includes Difficin, Probiosis, Whitehead, and Luna. Difficin removes damp heat from the intestines and helps clear *C. diff* infections in the intestines. Difficin also helps clear the blood stasis in the intestines to help repair intestinal damage. Probiosis and WhiteHead help reduce intestinal inflammation and clear coinfections caused by other types of bacteria. Luna nurtures small intestine yin to restore normal function of the small intestine and aid in the regulation of bowel movements. Patients can experience symptom improvement with less diarrhea, decreased stomach upset and cramping and improved appetite in 3 days. Significant improvement can be achieved in 6 weeks to 2 months. It is recommended to start the formula at full dose during the first four weeks followed by 2/3rd dose for the remainder of the protocol. 2/3rd dose of Probiosis, WhiteHead, and Luna are also recommended. For patients with a *Candida* infection as well, Formula F and Formula G are also required to help clear the fungus coinfection.

After 6 weeks to 2 months, it is recommended to remove Luna, WhiteHead, and Probiosis. It is recommended to add Weisslim to remove excess Damp from the GI tract while continuing with Difficin for an additional 6 weeks.

Recommendation Summary

Locations	Products	Supporting Products
Digestive Tract Bacterial Infections, Inflammation, and Food Poisoning	Probiosis	
Pancreatitis, Duodenitis, Small Intestinal Infections and Bacterial Overgrowth (SIBO)	Probiosis, PA	Luna
Large Intestine Bacterial Infection, Amebiasis and Colitis, Ulcer and Fistula	Probiosis, WhiteHead, Hawthorn Colitagen	PA, Silver
Bacterial Infection of the Appendix and Large Intestines	Silver (Fast growing) Formula E (Slow growing)	
Stomach H. Pylori Infections Stomach Ulcer	Formula D, Biofilmin Spring, SJ, Formula B, Probiosis Followed by Alpinia	Candida Co-infections: Formula F, Formula G Mycobacterial Co-infections Stomacin, Stomacin-2
Stomach Flu (Viral Gastroenteritis)	Clove	
C. diff	Difficin, Probiosis, Whitehead and Luna	Candida Co-infections: Formula F and Formula G Weisslim

Selected Case Studies

Removal of Candida and H.Pylori in Five weeks

Nancy Gurney, Colonic Hydrotherapist, MI

The patient was suffering from Candida and H. Pylori diagnosed through a stool test. They were presenting with symptoms of heavy gas, bloating, burning in the throat, and pain in the abdominal cavity. They had been suffering from these symptoms for two years. He was extremely fatigued and the pain in his stomach was making him concerned about his longterm health. It was also affecting the patient's ability to earn a living and retire. The practitioner used in office modalities for colon hydrotherapy and lymphatic drainage once per week.

The out of office modalities included Formula F, Formula G, and LC Balancer from Wei Labs for five weeks. After this, we did another stool test. After five weeks of the above treatment program, the stool test showed normal range of Candida and H. Pylori. It also showed normal range in many opportunistic bacteria including Bacillus spp, Enterococcus faecium, Staphylococcus aureus, Streptococcus spp, Staphylococcus aureus, and Methanobacteriaceae (family). A complete reversal of the condition was achieved in five weeks. The patient reached their goal of getting rid of the chronic gas, bloating, pain, and fatigue.

Elimination of Ulcers and Symptoms in Ulcerative Colitis Patient

Jen Murphy, DC, IL

A 16-year-old female patient was diagnosed with ulcerative colitis in April of 2021 following a colonoscopy which confirmed ulcers. It was brought on by an unknown illness from the year prior. The patient suffered with debilitating symptoms. She had severe abdominal pain rated 9 out of 10, cramping rated 9 out of 10, and diarrhea rated 9 out of 10. A couple times a month she also experienced bloody stools.

The mother did not like the prescription medications given to her daughter because they were not helping nor addressing the root cause of the problem. She has tried Mesalamine, Entyvio infusions, and a steroid that she was just weaned off of. The patient was held out of school for months at a time which led to her falling way behind. She could not participate in school activities or spend time with her friend's due to her symptoms. She felt like college was beginning to be out of the question for her.

The patient began an herbal protocol from Wei Labs consisting of Hawthorne, Probiosis, and Colitagen. She also began a diet recommended to her by the practitioner which included cutting down on all processed carbohydrates, no raw fruits or veggies, and no raw meat.

After just six weeks on the protocol, the patient rated her abdominal pain, cramping, and diarrhea all at a 0 out of 10. She hadn't experienced any bloody stools. She is off all prescription medication and had a follow up colonoscopy which revealed no ulcers. She is back in school and excelling as well as participating in extracurricular activities. She is happy to be able to be a healthy 16-year-old girl again. The patient is still following the recommended diet. Both the patient and family are thrilled with the results.

Improvements in GI Symptoms & Quality of Life in C. Difficile Patient

Erin Thole, CNHP, Digestive Specialist, TX

A middle-aged male patient had been suffering with GI issues including diarrhea and stomach cramping. After eating, he would need to immediately use the restroom. He also had low energy and sugar cravings. He was unsure what was causing these issues, but they had taken a toll on his quality of life.

He met with the practitioner, Erin Thole, who found he had high levels of intestinal inflammation as well as imbalanced hormone levels. She started the patient off on Wei Labs herbal formulas including Probiosis to address the inflammation, Whitehead to address the diarrhea, and Spring Capsule to address the damaged GI tissues. He saw a little improvement but nothing significant. They ran a stool test which showed the patient tested positive for C. diff.

Based on this diagnosis, the practitioner adjusted the protocol to include Probiosis, Luna, Difficin, and Whitehead. Difficin helps remove infections caused by the C. diff bacterium.

After a week on the protocol, the patient reported that his diarrhea, stomach cramping and upset, and appetite had all improved. He no longer had sugar cravings, and he also saw a big jump in his energy levels. His quality of life has greatly improved as he no longer has to worry about frequently using the restroom. He is continuing with Difficin and Luna as well as Brown and LC Balancer to start addressing his hormonal issues.