

Bovine immunoglobulin from serum used to treat digestive disorders

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Abstract

Serum derived bovine immunoglobulin was introduced as a medical food in the U.S. in 2013. Since then it has been studied in over 800 patients with a variety of gastrointestinal illnesses including diarrhea predominant irritable bowel syndrome (IBS-D), ulcerative colitis, Crohn's disease, pouchitis, C. difficile colitis and chronic mesenteric ischemia. Its effectiveness in these diverse disease entities is related to the ability of SBI to bind intraluminal pro-inflammatory mediators including enterotoxins, pro-inflammatory cytokines and bacterial degradation products, thereby, preventing the loss of intercellular tight junction proteins. By maintaining tight junction, integrity, dendritic antigenic stimulation in the mucosa is reduced, resulting in inhibition of the inflammatory cascade. This presentation will review the US FDA category of medical foods, the proposed mechanism of action SBI and published clinical data.

Received: July 07, 2022; **Accepted:** July 14, 2022; **Published:** July 21, 2022

Biography

Dr. Larry Good has been a practicing gastroenterologist since 1978. Dr. Good graduated Colgate University Magna Cum Laude in 1969 and received his M.D. with Alpha Omega Alpha status from the Medical University of South Carolina in Charleston, SC in 1973.

Dr. Good served a medical residency from 1973-76 and was Chief Medical Resident in 1976. He was fellowship trained in gastroenterology from 1976-78.

Dr. Good has served as the Director of Liver Diseases at Nassau County Medical Center and was for many years

Chief, Division of Gastroenterology, Department of Medicine at South Nassau Communities Hospital. Dr. Good is an assistant clinical professor of medicine at SUNY Stony Brook. He has given hundreds of lectures in his field and has authored numerous papers and abstracts. Recently, Dr. Good presented the ACG Theater lecture at the American College of Gastroenterology annual meeting in Chicago, Illinois in October, 2014.

Dr. Good was Chief Medical Officer at Ritter Pharmaceuticals in Los Angeles, California, where he expanded his research interest in the intestinal microbiome. Dr. Good's current clinical research activities involve the microbiome, inflammatory bowel disease, irritable bowel syndrome and the application of orally administered gamma globulin to patients with acute and chronic gastro-intestinal disorders.