



# INTESTINAL REHABILITATION AND TRANSPLANT PROGRAM



**STANFORD**  
HOSPITAL & CLINICS

*Stanford University Medical Center*

THE STANFORD INTESTINAL  
REHABILITATION AND  
TRANSPLANT PROGRAM  
IS REVOLUTIONIZING CARE  
AND TREATMENT OPTIONS  
FOR PATIENTS WITH  
GASTROINTESTINAL  
DYSFUNCTION.



FROM LEFT: RICARDO O. CASTILLO, MD, CARLOS O. ESQUIVEL, MD, PHD,  
TREVOR A. WINTER, MD, FACG, PHD, C. ANDREW BONHAM, MD

## OVERVIEW

Gastrointestinal dysfunction affects many patients and can result in the failure of the intestine to digest food and absorb the fluids, electrolytes and nutrients essential for life. Causes of intestinal failure range from a variety of conditions, including trauma and autoimmune disease.

At Stanford Hospital & Clinics, we provide personalized medical and nutrition therapy to restore intestinal function and eliminate or reduce the need for total parenteral nutrition (TPN). For patients with recurrent infections, liver failure or lack of intravenous access, small bowel transplantation may be recommended.

The development of newer, more effective anti-rejection medications and surgical approaches has led to improved outcomes and better quality of life for recipients.

## OUR PROGRAM

We tailor treatment, care and support to each individual patient. Our small-bowel specialists provide comprehensive evaluation, medical management, nutrition rehabilitation and surgical intervention, including transplantation. We are also actively involved in clinical research studies to identify new therapies and increase intestinal rehabilitation and transplant success.

### DIAGNOSTIC EVALUATION

Stanford physicians use advanced diagnostic technology to evaluate gastrointestinal anatomy and pinpoint the presence or extent of disease, including a new, state-of-the-art endoscopy suite for complex endoscopy. We also offer specialized radiographic, microbiology, laboratory and surgical services.

### COLLABORATIVE APPROACH

Our multidisciplinary team includes transplant surgeons, gastroenterologists, hepatologists, nutritionists and GI pain management specialists, aided by a support team of physician assistants, nurses, dietitians, pharmacists, financial counselors and social workers. We believe in a collaborative approach to care and work closely with referring physicians to ensure that patients receive the best treatment at every stage.

### SURGICAL EXPERTISE

As part of the multi-organ transplant program at Stanford, our surgical team has performed over 40 pediatric and adult intestinal transplants and more than 800 adult liver transplants, exceeding national patient and graft survival rates.

### GROUNDBREAKING RESEARCH

Stanford is one of the pioneering institutions behind steroid-free immunosuppression, with the goal of diminishing the risk of diabetes, infection and hypertension. New research developments at the Stanford Institute for Immunity, Transplantation and Infection include the use of intestinal stem cells in transplantation and restoration of bowel function. View current studies at [iti.stanford.edu](http://iti.stanford.edu).

We treat patients with the following medical conditions:

SHORT BOWEL SYNDROME

CROHN'S DISEASE

MALABSORPTION  
SYNDROME

INTESTINAL FAILURE

COMPLICATIONS  
FROM TPN

INFLAMMATORY  
BOWEL DISEASE

MOTILITY DISORDERS

PARTIAL SMALL BOWEL  
OBSTRUCTION

SURGICAL SHORTENING DUE  
TO CANCER OR TRAUMA

DAMAGE FROM  
RADIATION THERAPY

CELIAC DISEASE AND  
FOOD ALLERGIES

SUPERIOR MESENTERIC  
ARTERY OR VEIN  
THROMBOSIS

COMPLEX NUTRITIONAL  
DISORDERS



#### TO REFER A PATIENT OR REQUEST MORE INFORMATION

Contact Jenn Lee, our pre-intestinal transplant coordinator

Phone: 650.498.7878

Fax: 650.498.7888

Hours: Mon – Fri, 8:30am – 4:30pm

You may also visit us at [stanfordhospital.org/intestinaltransplant](http://stanfordhospital.org/intestinaltransplant)

**FOR URGENT TRANSFERS PLEASE CALL THE TRANSFER CENTER**

**AT 650.723.4696**

## PHYSICIAN TEAM

Our team of small-bowel physicians continues to grow as we deliver high-quality care and innovative strategies for improving both patient and graft outcomes. Each of our faculty physicians brings extensive experience in transplantation and leads research developments in transplant immunology and clinical immunosuppression.

“Our intestinal rehabilitation and transplant program provides hope for patients who suffer from devastating conditions such as Crohn’s, inflammatory bowel syndrome and other chronic digestive diseases.”

**CARLOS O. ESQUIVEL, MD, PHD**  
Director, Liver and Intestinal Transplant Programs  
Professor of Surgery  
Chief, Division of Abdominal Transplantation



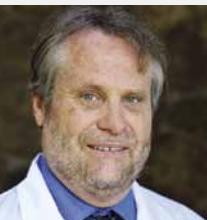
### CARLOS O. ESQUIVEL, MD, PHD

Dr. Esquivel is Director of the Liver and Intestinal Transplant Programs, Professor of Surgery and Chief of the Division of Abdominal Transplantation at Stanford. He is also Associate Director of the Institute for Immunity, Transplantation and Infection. He trained in transplantation at the University of Pittsburgh under the direction of Dr. Thomas Starzl and is recognized worldwide as an expert and pioneer in transplantation. Dr. Esquivel has been named a Top Doctor in the nation by *U.S. News & World Report*.



### RICARDO O. CASTILLO, MD

Dr. Castillo is Medical Director of the Intestinal Rehabilitation and Transplant Program and Associate Professor of Medicine in the Division of Gastroenterology at Stanford. His research studies include the interaction and role of nutrients and intestinal growth factors in enhancing intestinal adaptation and allograft viability, in addition to immunosuppression regimens and induction of immune tolerance in intestinal transplantation.



### TREVOR A. WINTER, MD, FACG, PHD

Dr. Winter is Clinical Associate Professor of Medicine in the Division of Gastroenterology and Hepatology at Stanford, specializing in the management and treatment of intestinal failure, inflammatory bowel disease and nutrition rehabilitation. He completed fellowship training at Groote Schuur Hospital in Cape Town, South Africa, known internationally for leading advances in transplantation. He completed his PhD (Medicine) at the University of Cape Town.



### C. ANDREW BONHAM, MD

Dr. Bonham is Associate Director of the Intestinal Transplant Program and Associate Professor of Surgery in the Division of Abdominal Transplantation at Stanford. He has advanced fellowship training in transplantation from the University of Pittsburgh under the direction of Dr. Thomas Starzl. In collaboration with Dr. Calvin Kuo, he is investigating the use of intestinal stem cells in transplantation and restoration of bowel function.

# INTESTINAL REHABILITATION AND TRANSPLANT PROGRAM

750 Welch Road, Suite 215  
Palo Alto, CA 94304

## NEW PATIENT REFERRALS

Office: 650.498.7878

Fax: 650.498.7888

[stanfordhospital.org/intestinaltransplant](http://stanfordhospital.org/intestinaltransplant)



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