

Scripps Center for Organ Transplantation





Dear Colleague,

Thank you for considering Scripps Center for Organ Transplantation for your patient's care. Our team of physicians delivers the highest quality of transplant care every day.

The Scripps team is composed of an established, multi-disciplinary panel of surgeons, hepatologists and nephrologists who are nationally recognized as leaders in their field at the forefront of the latest advancements and treatment options. This team is complemented by a comprehensive medical staff specially trained to care for transplant patients, and provides the full range of services our patients need to be successful.

Our goal is to provide patients with a significantly improved quality of life. This is achieved through partnership with the patient, their family members and their referring physician. We jointly follow the patient with the referring physician, providing frequent communication. Once a patient's immediate transplant treatment is complete, their own physician can continue the patient's ongoing care with our help and expertise as needed.

This brochure includes an overview of our program and the comprehensive transplantation services that we provide at Scripps. If you have questions or would like additional information, please feel free to contact any of our physicians directly.

Sincerely,

Christopher Marsh, MD

Vice President of Surgical Services

Chief of Transplant Surgery

Scripps Health

Welcome to Scripps' Comprehensive Care

Scripps has a strong reputation and history of caring for transplant patients, supported by numerous accomplishments that speak to the quality of our program:

- In 1990, San Diego's first liver transplant program was developed by Scripps Clinic. Within a few years, the organ and cell transplant program expanded to include kidney and pancreas transplants, as well as a living donor program for kidney transplants.
- Scripps is a leader in complex transplantation, serving patients suffering from advanced comorbidities such as cardiac disease, advanced age and ABO-incompatibility.
- Scripps was the first in San Diego to complete three-way and international kidney exchanges.
- Our steroid-free program features enhanced protocols and monitoring capabilities to avoid long-term steroid usage, and have proven outcomes and survival rates that surpass United Network for Organ Sharing expectations.

Our transplant surgeons are amongst the most experienced in the region, providing the highest-quality, most advanced care possible for transplantation. Our patient and graft survival rates continue to remain above the national expected average and we consistently outperform our regional competitors realizing the shortest length of stay in the area.

Our Services

Scripps is proud to offer the most comprehensive transplant program in San Diego County. Our services include:

- Kidney transplant
- Living kidney transplant
- Kidney paired exchange
- Liver transplant
- Liver cancer treatment
- Pancreas transplant

In addition to transplantation, Scripps also offers progressive treatment options for patients with liver cancer to manage their condition until a liver transplant becomes available.



Left to right: Jonathan Fisher, MD; James Rice, MD; Randolph Schaffer III, MD; Catherine Frenette, MD; Christopher Marsh, MD.

Individualized Care

At Scripps, we are committed to a patient-centered approach to clinical care. That means all diagnostics and treatment plans are customized to meet each patient's individual needs. Before and after treatment, Scripps provides consistent support and education through:

- Patient and family support and education groups
- Coordinated, comprehensive inpatient management throughout the transplant surgery experience
- Continuous pre-transplant patient monitoring
- Complete outpatient follow-up in close collaboration with referring physician
- Discounted housing options for out-of-area patients
- 24-hour access to the transplant team

Patient Services

To ensure a smooth process for each transplant patient, we provide the following services:

- A transplant coordinator that is assigned to each patient
- Financial coordinators who work with each patient to obtain insurance or ensure coverage
- Mandatory personalized education that provides step-by-step instruction on pre-care, what to expect, and post-transplant recovery
- Customized patient plan that leads to a lifelong partnership
- Follow-up care provided at convenient locations at Scripps Green Hospital and at Scripps Clinic, Torrey Pines, as well as satellite offices in Rancho Mirage, Palm Springs, Murrieta, Las Vegas, Orange County and Riverside.

Kidney Transplants

For more than 25 years, Scripps has been performing kidney transplants through both deceased and living donations with one of the most highly recognized success rates in the country. Therapies available to our kidney patients include:

- **Extended criteria donor kidney transplants:** Older patients who choose to receive kidneys from donors close to their own age may experience a shorter waiting period.
- **Living donor kidney transplants:** A living donor kidney transplant occurs when a kidney is donated from a healthy, living donor to a waiting recipient.
- **Steroid-free immunosuppression:** We offer specific protocols for patients who cannot tolerate traditional steroid-based drugs for immunosuppression.
- **Cross-match positive kidney transplants:** Our program uses techniques, which can in many cases remove the antibodies that would cause a transplanted organ to be rejected.



- **Kidney donor exchange:** Potential donors who are unable to donate to their own loved ones may donate to each other's loved ones in what is essentially a "swap," or exchange.
- **ABO-Incompatible kidney transplants:** Special protocols make it possible to transplant across blood types.
- **Kidney transplants for patients with HIV:** Our team can help patients with stable HIV infection manage the complex drug interactions between transplant and HIV medications.

Living Kidney Donation and Paired Kidney Exchange

The wait for a deceased kidney donation can take several years. With this in mind, we work with recipients so they have the tools they need to ask for a kidney donation from a loved one. In addition, donor exchanges are available for those whose loved one's kidney does not match their blood type. Living donor transplants can help recipients get off the wait list faster and can provide them with an improved quality of life. For those patients and donors who meet the medical criteria, living donor kidney transplants are available at Scripps.

In addition to the transplantation services provided at Scripps Green Hospital and at Scripps Clinic, Torrey Pines, satellite offices in Rancho Mirage, Palm Springs, Murrieta, Las Vegas, Orange County and Riverside help to extend our organ transplant services to patients across the San Diego region.

Liver Transplants



Established in 1990 as San Diego's first liver transplant program, Scripps treats adult patients with acute and chronic liver failure, as well as patients with complex disorders that involve the liver, gallbladder, bile and bile ducts. These disorders may include tumors, cancers, cirrhosis, Hepatitis C, biliary stricture and portal hypertension.

At Scripps, progressive pre-transplant care focuses in five areas:

- **Management of the Hepatitis C virus:** Many leading-edge treatments for Hepatitis C are available at Scripps through our liver disease center.
- **Management of fulminant (acute) liver failure:** The transplant center is currently working on the development of a dialysis process for liver patients, to serve as a bridge for patients whose liver function is decreasing.
- **Management of liver tumors as a bridge to transplant:** One of the leading causes of death in patients with chronic liver disease (cirrhosis) is the development of cancers that arise from the liver. Scripps uses several methods to slow the spread of tumors, to give patients time to receive liver transplants.
- **Hepatobiliary surgery for patients with chronic liver disease:** The transplant center provides the surgical expertise needed to perform complex operations on patients traditionally thought to be too high risk because of their liver disease.
- **Liver transplants for patients with HIV disease:** Protocols are available at Scripps for patients with stable HIV infection who require liver transplants to manage the complex drug interactions between transplant and HIV medications.

Liver Cancer Care

Liver cancer can be challenging to treat because it's often not diagnosed until an advanced stage. Scripps offers multidisciplinary treatment for a variety of liver cancers including:

- Hepatocellular carcinoma (HCC), the most common form of liver cancer
- Cholangiocarcinoma, or bile duct cancer
- Neuroendocrine tumors
- Liver metastasis

Our patients receive care from a team of physicians with advanced liver training, including specialists in hepatology, transplant and hepatobiliary surgery, gastroenterology, oncology, interventional radiology and radiation oncology. Our specialists participate in a multidisciplinary tumor board to offer our patients the best chance of a good outcome.

Treatment Options

While our goal is to completely eliminate cancer, in some cases we will recommend short-term treatments that manage the patient's condition until they are able to receive a liver transplant, or control the symptoms of the cancer.

Scripps offers the following comprehensive treatment options:

- Liver resection
- Liver transplantation
- Transcatheter chemoembolization (TACE)
- Radioembolization with Yttrium beads or Y90
- Ablative therapies, including radiofrequency and microwave ablation
- Systemic treatments such as tyrosine kinase inhibitors, and access to newer systemic treatments under investigation
- External beam radiation therapy, including proton therapy



Pancreas Transplants

The Scripps transplant team is dedicated to innovative programs and research that bring our patients leading-edge technology. Since 1999, pancreas transplant specialists have performed pancreas transplants with one of the most impressive success rates in the country.

Therapies available to our pancreas patients include:

- Solitary pancreas transplantation
- Simultaneous pancreas and kidney transplantation for people whose diabetes has caused kidney damage
- Pancreas transplantation following kidney transplant



Research and Education

The Scripps Clinic and Scripps Green Hospital Gastroenterology and Hepatology Fellowship Program started in 1959 and is the oldest in San Diego.

It is a three-year ACGME-accredited training program, designed to provide clinical expertise in gastroenterology and hepatology. The curriculum is structured to provide the full spectrum of educational experiences. After completing the program, fellows are fully prepared for board certification in both gastroenterology and transplant hepatology.

Physicians also have access to the Scripps Clinic Medical Group/ Scripps Health Biorepository, which was developed as a resource for physicians and scientists to have access to blood and tissue samples for the purposes of conducting research on many disease and health conditions. Samples are available to physicians through a request form available on our website scripps.org/biorepository.

Scripps Clinic and Scripps Green Hospital have been recognized by the National Institute of Health as one of the country's premier academic medical centers. Scripps' continual efforts to advance the field of liver cancer care include clinical research designed to test and discover new treatment options. In addition



to studying new medications and devices, our physicians track patient outcomes for years or even decades, and gather evidence for sophisticated education and treatment programs. This information is shared through Scripps' graduate and continuing education programs, and with the scientific community through research abstracts and publications.

To make a referral to the Scripps Center for Organ Transplantation, please contact us at 858-554-4301.

The Scripps Center for Organ Transplantation is located on the Scripps Green Hospital campus in La Jolla, California. We are conveniently located next to the Hilton Hotel and The Lodge at Torrey Pines.



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La Jolla, CA 92037

Physician Referral Line: 858-554-4301
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scripps.org/transplant



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