



DUAL FELLOWSHIP-TRAINED ROBOTIC AND MICROSURGERY EXPERTS DR. JAMIN BRAHMBHATT AND DR. SIJO PAREKATTIL

The PUR Clinic leads the way in male infertility, robotic vasectomy reversal, and chronic testicular and/or groin pain. Dr.'s Parekattil and Brahmbhatt are global pioneers in the field of robotic assisted microsurgery and have performed 1,000+ robotic microsurgical procedures – more than any other center.

Our surgeons have been patients themselves and understand the patient experience. This gives us a level of dedication to our patients that is unmatched.



SIJO PAREKATTIL, MD



Education & Training

- Electrical Engineering, University of Michigan
- Medical Degree, New York Medical College
- Urology Residency, Albany Medical Center
- Advanced Laparoscopy/Robotics Fellowship, The Cleveland Clinic Foundation
- Microsurgery & Male Infertility Fellowship, The Cleveland Clinic Foundation

Specialty

- Robotic and laparoscopic surgery:
- Male Infertility
 - Robotic vasectomy reversal
 - Varicocelectomy
 - TESE
- Abdominal, Groin & Testicular Pain
 - Robotic Neurolysis of the spermatic cord
 - Micro-cryoablation
 - Botox blocks



JAMIN BRAHMBHATT, MD



Education & Training


- Bachelor of Arts, Boston University
- Medical Degree, Boston University School of Medicine
- Residency, University of Tennessee Health Science Center, Memphis, TN
- Fellowship in Robotic Microsurgery & Male Infertility, University of Florida

Specialty

- Robotic and laparoscopic surgery
- Chronic groin and testicular pain
- Male Infertility
- Hypogonadism, Low Testosterone
- Erectile Dysfunction
- Urologic Oncology
- Kidney Stones
- Adult Male and Female Urology

MALE INFERTILITY

At South Lake
Hospital

A photograph of a smiling couple lying in bed with their baby. The woman is on the left, leaning over the baby, and the man is on the right, looking at the baby. They are all smiling and appear to be in a happy, intimate moment.

Our program offers innovative and compassionate care to couples facing the challenges of male infertility. Led by dual fellowship-trained robotic and microsurgery experts Dr. Sijo Parekattil and Dr. Jamin Brahmabhatt, our team of experts provides multi-disciplinary treatment protocols for patients who have not achieved success through standard treatment options. Offering the most technologically advanced treatment modalities, we are committed to overcoming male infertility one couple at a time.

What is Male Infertility?

Approximately 15% of all couples trying to conceive face fertility issues. Up to 50% of those issues may be due to male factors. Male infertility focuses on the male factors that contribute to fertility issues. Infertility treatment is a team approach involving male and female infertility specialists with one goal in mind – helping you conceive.

What Causes Male Infertility?

Many factors can lead to male infertility. These range from genetic and physiologic issues to environmental causes. The careful evaluation and examination of male infertility patients is geared to assess these possible causes and to rectify them.

Can Male Infertility Be Treated?

There are a number of treatable male infertility conditions. The PUR Clinic specializes in the most innovative and cutting edge treatment options. We are involved in a number of research protocols dedicated to developing new diagnostic and therapeutic modalities. We are committed to providing our patients with the safest and highest quality care available.

What Treatment Options are Available?

The PUR Clinic is committed to the development of new diagnostic and surgical treatment options for male infertility.

Full Range of Male Fertility Services Includes:

- Robotic vasectomy reversal, including robotic vasovasostomy and robotic vasoepididymostomy
- Robotic intra-abdominal vas deferens reconstruction
- Robotic TESE (testicular sperm extraction)
- Robotic varicocelectomy
- Robotic neurolysis of the spermatic cord for chronic testicular and inguinal pain
 - Post vasectomy pain
 - Post inguinal hernia pain
 - Sports injury pain
- Sperm banking
- Cryopreservation
- Fertility preservation
- Electro-ejaculation
- Vibratory ejaculation
- Reconstruction options for cystic fibrosis

TESTICULAR PAIN PROGRAM

85% of patients have a **50%**
or greater reduction in pain

72% have complete
elimination of pain

Testicular Pain - How common is it?

It is estimated that there may be over 100,000 men who develop chronic abdominal, groin and/ or testicular pain annually. Only some of these men seek treatment due to intractable symptoms. Part of the problem is a paucity of treatment options, aggressiveness of existing options and a lack of awareness of new options.

What causes this condition?

Pain may originate from a range of possible causes: sports injury, trauma, inguinal hernia repair, vasectomy, scrotal surgery, abdominal surgery and varicocele. In some cases, no specific cause can be identified. We utilize a more global and less invasive approach to this condition. From prospective control studies on men with pain versus men without pain, we are the leading group to identify specific sensory nerve abnormalities in men with pain. We believe that these dysfunctional nerves are the root cause for pain.

What treatment options do we offer?

Our multi-disciplinary approach is geared to the deactivation of these nerves. If traditional non-invasive treatment options fail, we offer a novel outpatient, minimally invasive treatment approach: Robotic-Assisted Microsurgical Denervation of the Spermatic Cord (RMDSC) with neurolysis of the ilioinguinal, genitofemoral and inferior hypogastric nerve fibers. The nerve tissue responsible for the pain is carefully ligated with the robotic microsurgical platform to maximize surgical accuracy and minimize invasiveness.

Are there side effects or complications?

The procedure does not affect any sexual function or sensation. The outer sensation of the scrotum and testicle is preserved. Some patients may have numbness around the incision initially, but this usually improves. There is a small chance that the procedure may not relieve your pain. There is a rare chance of post-operative bleeding, infection and injury to surrounding structures. However, the RMDSC procedure utilizes enhanced 3D high definition magnification and real time intra-operative Doppler mapping of the vessels to minimize the risk of any injury.

PRE & POST-OP INSTRUCTIONS

Pre-Operative Instructions

- Avoid aspirin and/or aspirin-like compounds at least seven (7) days prior to surgery. Acetaminophen (Tylenol) may be taken. These products may be restarted two (2) weeks following your procedure.
- DO NOT take any multi-vitamins, vitamin E or A, flax seed or fish oil seven (7) days prior to surgery. These are natural blood thinners.
- Take nothing-by-mouth (NPO) during the night preceding your surgery. This means nothing to eat or drink after midnight.
- Please shave pubic and scrotal area being careful not to break or irritate skin. Please only do this if you are comfortable doing so...this is optional as we can do this just prior to your procedure.
- You MUST have someone drive you home after your procedure/surgery. We can arrange a ride service if you are traveling alone for a nominal fee (must be arranged 1-2 weeks prior to visit).
- Wear loose, comfortable clothing.

Post-Operative Instructions

- You will need to arrange for seven (7) to ten (10) days absence from work to allow for optimum healing and recovery.
- You will need to rest at home with minimal activities of daily living only (e.g. showering and patting incisions dry, normal hygienic care and fixing light meals, etc.).
- If you incur any strain to this area, you may be at risk of developing a hematoma (blood clot), which could delay healing time.
- Restrict lifting to no more than ten (10) pounds for four (4) weeks following surgery.

- No masturbation or intercourse for two weeks following vasectomy reversal, varicocelectomy, testis biopsy or TESE procedure.
- Please wear the provided scrotal support for six (6) weeks after the vasectomy reversal and two (2) to three (3) weeks for other procedures. We also recommend elevating your scrotum when resting and applying an ice pack to the scrotum (up to 20 minutes at a time, three (3) to four (4) times per day) for the first one (1) to two (2) weeks. You may continue this regimen if additional comfort is needed.
- It is normal to have mild incisional discomfort or pain, swelling and inflammation to either the inguinal (groin area of the neurolysis) or to the testicle. This should resolve after a few days. If pain, swelling or inflammation worsens, please call our office.
- It is also normal to experience a mild numbness type of sensation at and around incision site; this should NOT affect your erectile or urinary function.
- Contact us if any of the following develop: increasing pain, swelling or redness to scrotum or incision site, fevers, chills, nausea, vomiting, abdominal or flank pain or pustular drainage from the incision site.
- Ease into your regular activities as tolerated.
- You may notice some hard induration or firmness under the incision initially – this should resolve in a few months once the tissue heals and softens.
- The fluff dressings may be removed from the scrotal support the day after the procedure and showering is then permitted. No tub-bathing or swimming for three (3) weeks after surgery.



DIRECTIONS TO SOUTH LAKE HOSPITAL

The PUR Clinic at South Lake Hospital

1900 Don Wickham Drive
Clermont, FL 34711
352.536.8761

From Orlando International Airport:

- Take the North Exit
- Take FL-528 West to the Florida Turnpike North
- Take the Florida Turnpike North to Exit 272 (State Road 50, Winter Garden/Clermont)
- Turn left, heading West on State Road 50, continuing six miles.
- Turn right onto Citrus Tower Blvd.
- Turn right onto Don Wickham Drive
- Follow signs to the Outpatient Entrance

Directions to The PUR Clinic:

- Enter through the South Lake Hospital Outpatient Entrance
- Take a right and walk down hallway to reception desk on left

Surrounding Hotels:

Fairfield Inn & Suites by Marriott

Located across the street from South Lake Hospital.

Call 352.394.6585 and ask for the South Lake Hospital discounted rate.
1750 Hunt Trace Boulevard, Clermont, FL 34711

Hampton Inn & Suites

Located adjacent to the South Lake Hospital Campus.

Call 352.536.6600 and ask for the South Lake Hospital discounted rate.
2200 E. Highway 50, Clermont, FL 34711

Holiday Inn Express

Located 1.5 miles from South Lake Hospital.
Call 352.243.7878 for rates.
1810 South Highway 27, Clermont, FL 34711

Transportation:

Discounted rates are available for patients visiting The PUR Clinic and South Lake Hospital through Enterprise Car Rental and Dollar Rent A Car.

Enterprise – Call 800.736.8227 and use code O7A5516.

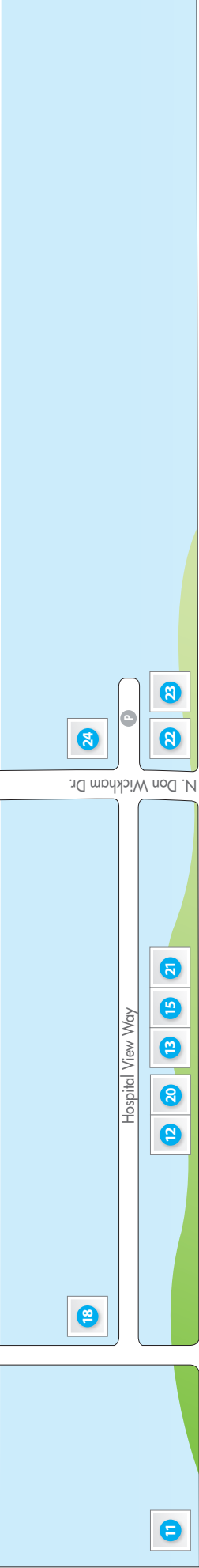
Dollar Rent a Car – Call 866.542.2302 and mention the Corporate ID number OI6029.

Additional rental car companies are located at Orlando International Airport:

Alamo – 800.327.9633
Avis – 800.831.2847
Budget – 800.527.0700
Hertz – 800.654.3131
National – 800.227.7368
Thrifty – 800.367.2277

Area Restaurants:

- Carrabbas Italian Grill
- Panera Bread
- Crispers
- Chili's
- Crooked Spoon
- Outback Steakhouse
- Olive Garden
- Red Lobster
- Cracker Barrel
- Sonny's BBQ
- Subway
- Chick-fil-A



Oakley Seaver Drive



Main Entrance

Citrus Tower Blvd.

South Lake Hospital
Therapeutic Garden /
Labyrinth

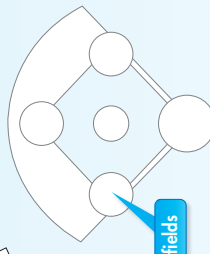


In partnership with
ORLANDO HEALTH

1900 Don Wickham Drive
www.southlakehospital.com
352.394.4071



- 1 Main Entrance
- 2 Centre for Women's Health
- 3 Emergency Department
- 4 Outpatient Entrance (Valet Parking)
- 5 LiveWell Fitness Center
- 6 NTC Aquatic Center
- 7 NTC Track and Field Complex
- 8 NTC Multipurpose Fields
- 9 Legends Way Ball Fields
- 10 South Lake Hospital Therapeutic Garden / Labyrinth
- 11 South Lake Hospital Outpatient Surgery Center
- 12 South Lake Hospital Outpatient Rehabilitation
- 13 South Lake Endoscopy Center
- 14 South Lake Medical Plaza 1 - includes:
South Lake Home Health, MRI Services,
Physicians Offices
- 15 South Lake Wound Care & Hyperbaric Medicine
- 16 PUR Clinic - Personalized Urology & Robotics
- 17 Brandy Johnson's Global Gymnastics
- 18 South Lake Medical Center
- 19 Special Olympics Florida
- 20 The Sports Medicine Institute
- 21 South Lake Gastroenterology
- 22 Hospice
- 23 Community Foundation of South Lake
- 24 Lifestream



Champions Way



Legends Way

State Road 50