



2.5K+

Successful VenaSeal Procedures Done

Three

International Awards Won Top

Clinic for VenaSeal Varicose Treatments

FLY TO MUMBAI EXPERIENCE WORLD CLASS VEIN CARE



WELCOME TO THE WORLD OF VEIN TOURISM



ABOUT US

The Vein Center is a chain of Interventional Radiology clinics specializes in the diagnosis and treatment of venous disorders, particularly varicose veins and venous ulcers.

Currently, we offer minimally invasive treatment options for varicose veins and venous ulcer, including VenaSeal Closure System, and sclerotherapy. Our founder Dr. Saurabh Joshi is the principal consultant at The Vein Center, who has 15+ years of experience in varicose treatments.



OUR TEAM



The Vein Center Mumbai has two best doctors Dr. Saurabh Joshi and Dr. Yunus Patel. Both are well trained, experienced and qualified Vascular Interventional Radiologists and Vascular Surgeons. They can diagnose and treat your varicose veins condition and provide the best treatment for Varicose Veins and Venous Leg Ulcers.

Dr. Saurabh Joshi & Dr. Yunus Patel

Our Vascular Specialists
Treated Over

10K Patients

Our International Insurance Tie-Up

Henner

WE ACCEPT

BOTH CASHLESS AND REIMBURSEMENT CLAIMS





DR. SAURĄBH JOSHI

MBBS, MD, FNVIR, MBA

Vascular Surgeon & Interventional Radiologist

THE PIONEER OF THE VEIN CENTER

Dr. Saurabh Joshi is the Principal Consultant at The Vein Center, Mumbai. He is trained in the field of Vascular Interventional Radiology. He is a dedicated doctor who embodies our core values of Empathy, Efficiency and Innovation.

He has pioneered innovative techniques in the management of complex varicose veins. His honesty, sincerity and technical know-how makes him the ideal leader to head the team. He has completed his Post-Doctoral Fellowship in Neuro and Vascular Interventional Radiology from India's premier institution - Kovai Medical Center, Coimbatore, Tamil Nadu in 2012.

Also won accolades like 2018 Research Award by College of Phlebology, London, UK and was awarded the Venartis Phlebology Innovation Award 2018 in Zurich, Switzerland.



DR. YUNUS PATEL

MBBS, MD

Vascular Surgeon

Dr. Yunus Patel is a highly skilled Endo vascular Surgeon associated with The Vein Center who has over 5 years of experience in varicose treatments.

TEAM OF DOCTORS



DR. PURVA KHANDELWAL

MBBS, MD

Anesthesiologist

Dr. Purva is the principal Anesthesiologist at the vein center who has over ten years of experience in Anesthesiology and critical care.





AFTER PROCEDURE >>

RESULT IN 90 DAYS

AWARDS AND MASTERY







We are proud to share that our original in-house research on Recurrent Varicose Veins Treatment was awarded the best presentation at the College of Phlebology London's International Veins Meeting in March 2018.

Appreciation Certificate from India Medtronic for our contribution to treating 500+ patients since the launch of Adhesive Therapy / Venaseal for varicose veins and leading with most VenaSeal procedures in Asia.





Venartis® Phlebology Innovation Award 2018 in Zurich for innovative plug & foam technique for the treatment of Refractory Toutous Varicosities beyond reach of thermal ablation techniques.

MASTERY IN VenaSeal ™

The Vein Center is a top rated clinic in Asia for VenaSeal Varicose Veins Treatment and other ablation procedures. Till April 2024, Vein center has done 2.5K+ successful VenaSeal procedures with less than 2% of recurrence chances.



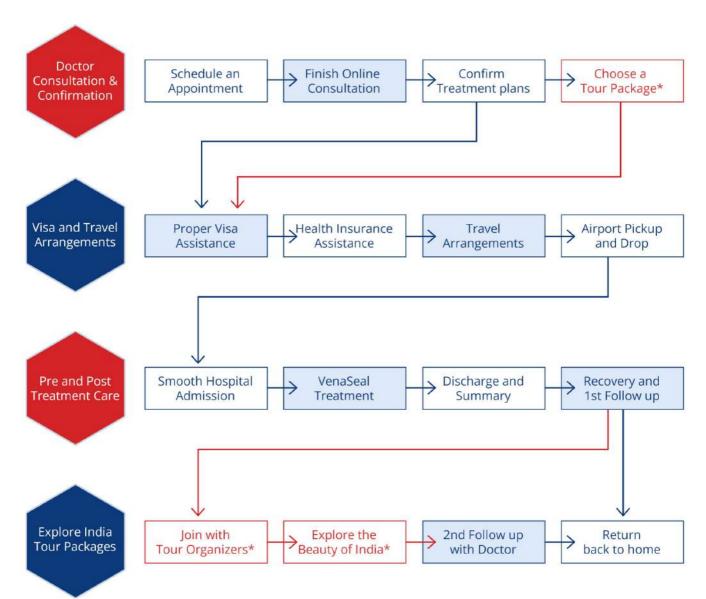




AFTER PROCEDURE >>

RESULT IN 7 DAYS





^{*} Tour packages and services are optional, and price may vary depending on the package you choose.



AWESOME

OUTPATIENTDEPARTMENT















AMAZING

AFTER PROCEDURE >>

RESULT IN 14 DAYS





WORLD CLASS IN-PATIENT AREA













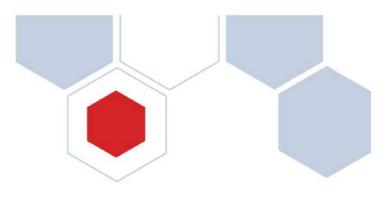
AFTER PROCEDURE >>

RESULT IN 60 DAYS



PATIENT REPORTS / PAPERS:

Treating Giant Venous Ulcers Ecstasy after Agony A Success Story



Authors: R. Basapure, S.S. Joshi, P. Khandelwal, A.S. Joshi, K. Kankani; Vascular and Interventional Radiology, The Vein Center, Mumbai, Mumbai, IN

Cardiovascular and Interventional Radiology of Europe - Barcelona, Spain, 2019

Clinical History / Pre-treatment Imaging

A 34 years old, non-smoker salesman, came with c/o skin darkening & painful non-healing ulcers over both ankles for 5 years.

He was being treated at a tertiary hospital with everyday ulcer dressings & compression bandages. The ulcers constantly oozed, causing soaked dressings every single day. Nevertheless, there was no improvement in his ulcers nor any relief from the pain.

Venous Doppler revealed Bilateral SFJ & SPJ incompetence with dilated GSVS, SSVs, Anterior Accessory GSVs (AAGSV), Anterior Circumflex Vein (ACV) of the calf without deep venous thrombosis.

Treatment Options / Results

Based on Doppler, diagnosis of Varicose veins was made and bilateral lower limb EVLA was suggested. Bilateral GSVs, SSVs, AAGSV, ACV were ablated. Patient was given class-2 compression stockings. 2 months follow-up showed good healing along the ulcer margins. Patient underwent autologous skin-graft to hasten the ulcer healing. 3months post graft status shows good graft uptake with excellent healing of ulcers.

Take-home points

Awareness about the presentation of Varicose veins helps in early diagnosis thus reducing the morbidity. Treating accessory channels like AAGSV & ACV of the calf in addition to GSV & SSV is necessary for long lasting and consistent venous ulcer healing.









BEFORE TREATMENT

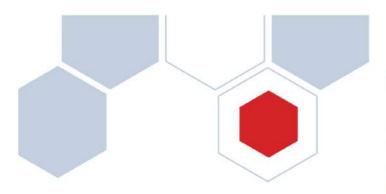








AFTER TREATMENT



TREATING THE UNTREATABLE

Innovative Plug & Foam

technique for tortuous varicosities beyond the reach of thermal ablation techniques and stand-alone sclerotherapy

Authors: S.S. Joshi, R. Basapure, A.S. Joshi, P. Khandelwal, K. Kankani; The Vein Center, Mumbai, IN.

Winner of the Venartis Innovation Award, Zurich, Switzerland December 2018

Purpose:

To develop a technique to achieve consistent closure of dilated varicosities that are inaccessible with thermal ablation techniques, causes stasis within varicosity and hence, preventing washout and thereby increasing the contact time of SDS foam. Patients received a followed up ultrasound examination post-operatively on 7th day and after 2 months.

Material and methods:

Inconsistent closure of large dilated (> 5mm) tortuous varicosities of post stand-alone sclerotherapy patients caused frequent patient dissatisfaction forced us to develop a better technique. The procedure started with EVLA for incompetent GSV, SSV, AAGSV and other accessory trunks followed by closure of such varicosities by the given technique.

The Plug and Foam Technique:

10 ml Dextrose is injected at the origin of varicosity, with the perforator access directed away from the deep system, followed by injection of Dextrose(1.5ml) and NBCA Glue(0.5ml), which forms a "plug". Then, Sodium Tetradecyl Sulphate (Fibrovein-3%,2ml) mixed with air (8ml) and made into foam is injected within varicosity by another access taken distally. NBCA plug at perforator origin causes stasis within varicosity and hence, preventing washout and thereby increasing the contact time of SDS foam. Patients received a followed up ultrasound examination post-operatively on 7th day and after 2 months.

Patient Selection:

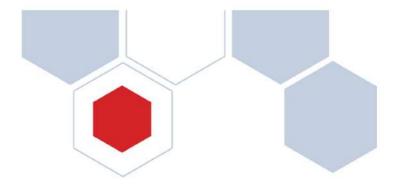
Patients with large dilated varicosities more than 5 mm diameter and tortuous (unable to allow placement of the laser fiber device) were selected. Patients presenting with recanalization post stand-alone sclerotherapy.



IN ZURICH, SWITZERLAND - 2018







All 25 patients undergoing post-operative follow up after 2 months, show consistent closure of the treated varicosities with no recanalization.



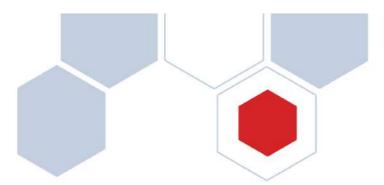






Conclusion:

The Plug and Foam method using NBCA glue and SDS foam together is a promising technique in treating dilated varicosities that are inaccessible.



TREATING RECURRENT

Varicose Veins in South Asians Solving a mystery

Authors: Dr. Saurabh Joshi, Dr. Ashwini Joshi, Dr. Rohit Basapure, Dr. Purva Khandelwal, The Vein Center, Mumbai, India.

Winner of the Best Presentation Award at The College of Phlebology – International Veins Meeting – London, UK, March 2018.

Objectives / Background:

To identify and treat anatomical causes of recurrence of Varicose Veins symptoms in patients previously treated by EVLA, RFA or Open Surgical Methods.

Materials and Methods:

A retrospective study of 35 patients, previously operated for Varicose Veins by either EVLA, RFA, High Ligation and Stripping, Percutaneous Sclerotherapy at various other centers was done at a single center between the period of August 2014 to November 2017. This group was treated for the culprit veins and followed up for a period ranging from 1 month to 12 months.

Patient Selection:

Our study comprised of 35 patients, (31 from other centers and 4 from our center) who came to us with symptoms of varicose veins and a history of being previously operated by one or more of the above described methods.

Inclusion Criteria:

All patients of South Asian ethnicity presenting with symptoms of varicose veins as described by CEAP criteria, with a history of already being operated by any one of the above procedures Endovenous Laser Ablation, Radio Frequency Ablation, High Ligation and Stripping, Percutaneous Sclerotherapy) and who were treated for the same at our center by either Endovenous Laser Abation or Percutaneous Sclerotherapy or Percutaneous Glue Embolization or all these methods.

Results:

Of the 35 patients, 23 were found to have C6, 5 were C4, 1 was C3, 6 were C2S. These were found to have a corresponding ultrasound finding of either in isolation or in combination of recanalized GSV, dilated and incompetent, Short Saphenous Vein, Anterior Accessory Saphenous Vein, Giacomini vein, incompetent perforators. After treatment 33 patients showed improvement according to the CEAP guidelines.

Conclusion:

Identifying the culprit veins and treating them in recurrent varicose veins shows significant linical improvement.

Proper Planning is Paramount to eliminating the Tactical cause of Recurrence.

Empathy, Patient Education, Continuous Communication, and Regular Follow up are necessary to monitor patient progress.

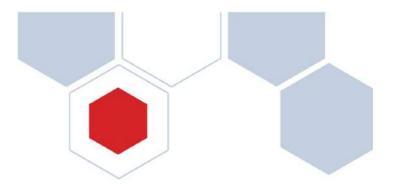






UNIQUE COMPLICATIONS OF

VenaSeal Adhesive-Based Varicose Veins Ablation and Strategies for Management



Authors: Dr. Saurabh Joshi, Dr. Yunus Patel, Dr. Ashwini Joshi, Dr. Purva Khandelwal, The Vein Center, Mumbai, India.

At Cardiovascular and Interventional Radiological Society of Europe (CIRSE), Copenhagen, Denmark, September 2023

Summary:

Varicose veins are a common condition affecting millions worldwide, with various treatment options available. VenaSeal adhesive-based ablation is an innovative technique, but it comes with its unique set of complications. This paper presents a retrospective observational study conducted on 550 patients and 756 limbs treated with VenaSeal from December 2019 to January 2023 at The Vein Center, Mumbai MH, India. The study aims to document these complications, including Thrombophlebitis, Hypersensitivity, Deep Vein Thrombosis (DVT), Delayed Hypersensitivity, Glue Granuloma, and Chronic Discharging Sinus, and proposes strategies for their avoidance and management.

Materials and Methods:

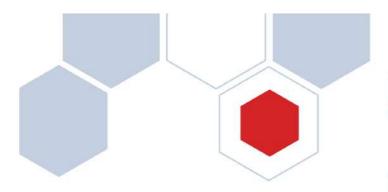
A retrospective observational study was conducted on 550 patients who underwent VenaSeal treatment for varicose veins at The Vein Center, Mumbai MH, India, between December 2019 and January 2023. A total of 756 limbs were included in the study, with each patient followed up for a minimum of 2 months and a maximum of 2 years post-procedure. The focus was on documenting complications associated with VenaSeal, including Thrombophlebitis, Hypersensitivity, DVT, Delayed Hypersensitivity, Glue Granuloma, and Chronic Discharging Sinus.

Results:

In the initial cohort of 100 limbs, the incidence of minor complications such as thrombophlebitis and hypersensitivity was 20% (1). Notably, one patient developed a chronic discharging sinus that required surgical excision. Subsequent procedural modifications and pharmaceutical interventions were implemented to mitigate these complications. Prophylactic administration of Oral Antihistamines and procedural changes, such as using a vascular sheath, transitioning to a straight hydrophilic wire, and limiting adhesive injection within 10 cms of the access site, significantly reduced the incidence of complications (2, 3). This approach resulted in a reduction of thrombophlebitis and hypersensitivity to 5% in the subsequent 455 patients.

Conclusion:

VenaSeal adhesive-based ablation for varicose veins presents unique complications that can be effectively managed with simple procedural modifications and pharmaceutical interventions. Strategies such as the use of a vascular sheath, appropriate wire selection, and limiting adhesive injection distance from the access site have shown promising results in reducing complications. This study underscores the importance of careful patient selection, procedural technique, and post-operative care to optimize outcomes and minimize adverse events associated with VenaSeal procedures.



REVIEWS FROM OUR PATIENTS

Watch Patient Reviews on Our YouTube Channel Scan the QR Code





Hi I'm Rina from Mumbai. I am 63 years old and have been suffering from severe Varicose Veins for many years. It was so bad that my right ankle was perpetually swollen and blackened. It was extremely painful and I could not do any sort of activity, even walking for a few minutes or having a bath resulted in excessive pain and discomfort. I am a heart patient and no anaesthesiologist would give me anaesthesia so any kind of invasive treatment was out of question. I did have a non invasive treatment done in 2011 called Foam Sclerotherapy but within a few months my Varicose Veins were back. I had no other recourse and was under the impression that I would have to bear this pain discomfort and embarrassment for the rest of my life and live without enjoying my life to the fullest.

One day while watching YouTube I came across an advertisement for Venaseal which was done in the Vein Center at Khar. I researched a bit and was convinced that this was meant for me. I consulted Dr. Saurabh Joshi at the Vein Center Khar. He is a wonderful person and an angel in human form. He checked out my Varicose Veins did a Doppler Scan and explained to me the Venaseal Procedure with utmost patience and care

Then came the pre - procedure tests. Being a heart patient there were a few extra tests and consents I had to take than a normal patient but Dr Saurabh was very understanding and careful and explained each and every extra consent that I had to take and why.

Anyway I passed the plethora of tests and consents and only when Dr Saurabh was convinced that I could go through this procedure without a problem did we set up a date for the procedure.

The day for the procedure dawned and I was a little worried as I can't bear pain but Dr Saurabh and the anaesthesiologist put me at ease talking to me and calming me they even put on my favourite Hemant Kumar songs and finally I was ready for the procedure.

The procedure itself was only for half an hour or so and totally painless even for a person like me who is petrified of injections and pain. I didn't even realise when the procedure started and when it was over.

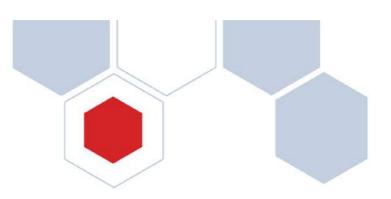
Today it been a week and I went for my follow up consultation and I couldn't believe the change in my legs. The swelling has almost disappeared and so has the discolouration pain and discomfort. After years I was able to look at my legs without being perturbed and Dr Saurabh has assured me that they will get better in the coming days. I can't wait to start my exercises and yoga.

I am so grateful to Dr Saurabh, The Vein Center and the Venaseal procedure for giving me back my legs and my life because without my legs my life was useless.

I would recommend this procedure to all those suffering from Varicose Veins.

I would like to THANK Dr Saurabh and all the staff of The Vein Center Khar for looking after me so well.







COMPARISON VENASEAL AND OTHER TREATMENTS

Treatment Options	Surgical Pricks	Compression Stockings	Period of Recovery	Sedation Needed	Open Surgery	Varicose Vein Removal	Chances of Recurrence
VenaSeal	1	Not Needed	Same Day	No	No	Yes	2%
LASER	Multiple	Needed	Many Days	No	No	Yes	6-10%
RFA	Multiple	Needed	Many Days	No	No	Yes	6-10%
STRIPPING	Multiple	Needed	Months	Yes	Yes	Yes	40-60%

For More Information about our treatments, specialists, vein tourism and packages visit our website at www.veinmumbai.com









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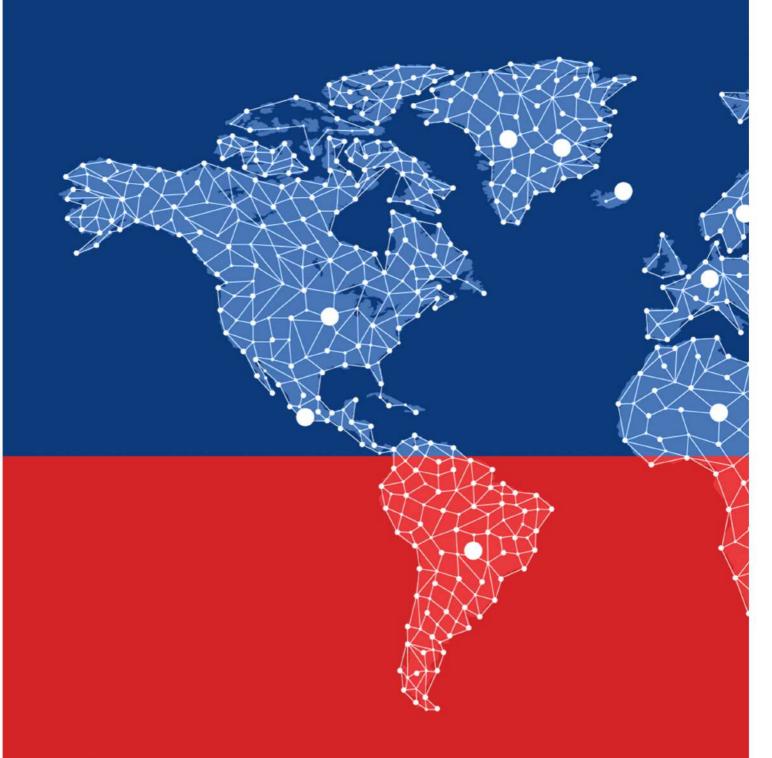
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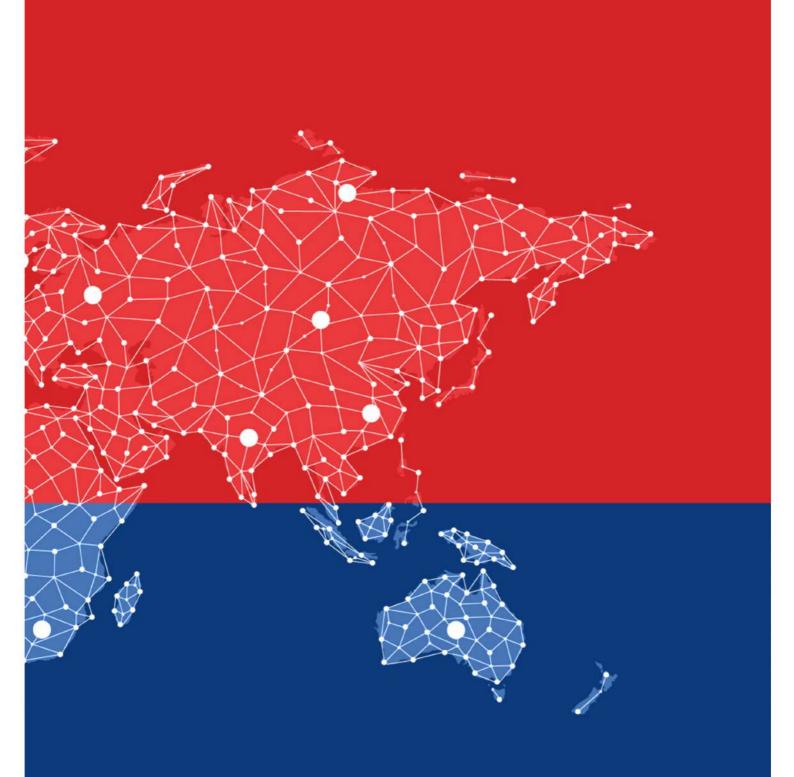
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