



## THE DOCTOR IS IN

Specialist Care

# Latest treatment for varicose veins

Over 60 per cent of adults worldwide suffer from varicose veins.

Pregnant women and professionals whose jobs require prolonged hours of standing are most prone to it, said vein specialist Dr John Tan from The Vein Clinic and Surgery.

“Also known as venous reflux disease, varicose veins is a condition whereby the valves in the veins at the lower part of the legs have ceased to function properly. The flow of blood is thus impeded and in a state of reflux, causing the veins to swell,” said Dr Tan.

If left untreated, varicose veins can progress to cause leg pains, exacerbated swelling, skin damage and ulcerations, which can add up to limit a person’s ability to walk properly.

### TREATMENT

Varicose veins have traditionally been treated with invasive surgery. It is a procedure that requires the patient to be put under general anaesthesia due to the painful process required to strip the veins.

Dr Tan said: “Stripping of the veins can cause injury to the surrounding muscle and skin tissues. Patients have to be hospitalised and get unsightly scars. Recovery can be prolonged and painful as well.”

Modern methods like the endovenous laser and radiofrequency treatment have removed the need for general anaesthesia and surgery. But these still require multiple injections of local anaesthesia as they use thermal heat to close the affected veins.

### NEW TREATMENT FOR VARICOSE VEINS – VENASEAL CLOSURE SYSTEM

Dr John Tan from the The Vein Clinic and Surgery is the first in Singapore and the region to treat patients suffering from varicose veins with a new and innovative treatment option, the VenaSeal Closure System.

The VenaSeal Closure system improves blood flow by closing the diseased vein using a medically safe adhesive via a minimally invasive approach. It is the first treatment of its



Dr John Tan, vein specialist at The Vein Clinic and Surgery.

kind that does not require the use of extensive local anaesthesia.

The result is minimal bruising to the surrounding muscle and skin tissues, and patients are able to resume their daily activities in a much shorter recovery time frame.

Visit The Vein Clinic and Surgery to find out more about VenaSeal Closure System.



VenaSeal Closure System.



## GET RID OF VARICOSE, SPIDER VEINS



THE VEIN CLINIC  
& SURGERY PTE LTD

290 Orchard Road, #11-08 Paragon,  
Singapore 238859  
(Please take lift at Tower lift Lobby F)

For appointments, please call:

TEL (+65) 6245 6666

[www.theveinclinic.com.sg](http://www.theveinclinic.com.sg)



Spider Vein



Varicose Vein

- Do you have unsightly Spider Veins and bulging Varicose Veins?
- Do your legs often get achy, tired and crampy?

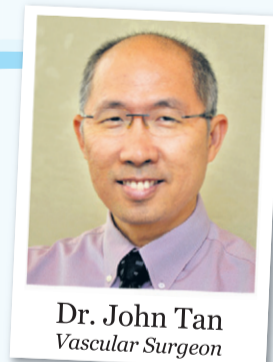
### Endovenous Ablation Treatment

- ✓ NO INCISION
- ✓ NO HOSPITALISATION
- ✓ LOCAL ANAESTHESIA
- ✓ INSURANCE REIMBURSABLE (CONDITIONS APPLY)

We are now able to remove varicose veins without any open surgery through the use of Endovenous Ablation Treatment (using Laser, Radiofrequency or Clarivein) and Venaseal Closure System using specially formulated medical adhesive.

This method involves inserting a fine wire into the varicose veins and sealing them without any cuts. The procedure can be done under local anaesthesia without any need for hospitalization. The wounds will heal with no incisional scars.

If you have thread-like spider veins on your legs and face, they can be successfully eliminated using a combination of micro-sclerotherapy and vein-wave laser.



Dr. John Tan  
Vascular Surgeon

[drjohntan@gmail.com](mailto:drjohntan@gmail.com)

M.B.B.S. (Sing.), M.Med. (Surg.),  
F.R.C.S. (Ed.), F.A.M.S. (General Surgery)  
Member, American  
College of Phlebology

**More than 15 years of experience  
in Varicose Veins treatment**