

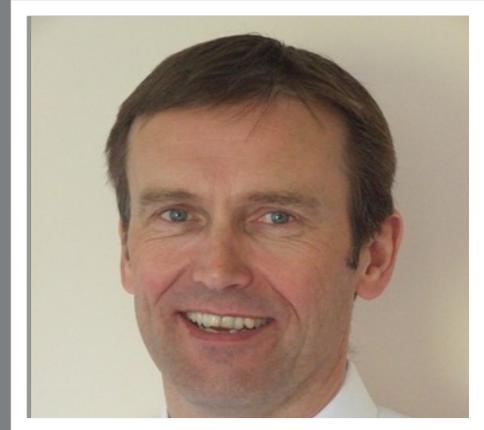
## Mechanochemical ablation (CLARIVEIN) for the Treatment of Varicose Veins

**Kevin Varty, Consultant Vascular and General Surgeon**, is now offering Clarivein, a procedure to treat varicose veins. The underlying fault with varicose veins is loss of function in the valves in the veins. These one way valves normally direct the flow of blood up the leg and into the deeper central veins. When they fail, the surface veins are put under pressure and varicose "bulging" veins result overtime.

The vein containing these valves cannot be repaired. Because there are other normal veins which can easily replace the function of the faulty vein, treatment involves removing or blocking the faulty vein. A number of treatments are now used to achieve this. Thermal (heat) procedures such as EVLA and VNUS closure destroy the veins by a type of cautery. Foam sclerotherapy aims to damage the vein chemically and cause it to occlude. Clarivein uses a combination of some physical disturbance and chemical injection to occlude the vein.

The solution normally used for this procedure is called sodium tetradecyl sulphate (STD) and is available in different concentrations depending on the size of the vein being treated.

Clarivein will successfully occlude the faulty vein in 90-95% of cases. If the vein does not occlude the procedure can be repeated. Removal of some of the varicose veins under local anaesthetic (avulsions) may also be carried out at the same time.



### Background

My clinical practice covers all aspects of arterial and venous disease. New developments are all available; endovascular therapy for peripheral vascular disease, minimally invasive approaches to venous disease eg EVLA, and thoroscopic sympathectomy for palmar hyperhidrosis.

**I also perform hernia surgery, both open and laparoscopic.**

I see patients and hold regular clinics in Cambridge.  
Appointments can be made via my PA on 01223 519911

Websites:  
[www.cambridgeveins.co.uk](http://www.cambridgeveins.co.uk)