

## **Clinical study of venous ulcers occurring in patients with varicose veins & response to various modalities of treatment.**

**Dr. Shajee Ganesh, Dr. Hareeshwaran**

### **Abstract**

Background: Varicose veins of the lower limbs are the most common vascular disorder affecting human beings. Although venous ulceration is a benign condition, there is considerable morbidity due to recurrent cellulitis, phlebitis and stiffness of joints. Present study was aimed to study venous ulcers occurring in patients with varicose veins & response to various modalities of treatment at a tertiary hospital.

Material and Methods: Present study was hospital based, prospective, observational study, conducted in patients with venous ulceration in the leg due to varicose veins, willing to participate & follow up.

Results: In present study 32 patients were included. All patients were male. age ranged between 28 to 70 yrs. Majority of were from 40-49 years age group (31.25%) & duration of illness was 1-5 years (53.13%). Apart from ulcer & varicose veins (100.00%), common complaints were itching (31.25%), pain (28.13%) & pedal oedema (9.38%). Four patients (12.50%) had bilateral disease Fascial defects due to perforator incompetence was clinically well palpable in all patients with below knee perforators. Perthes' test was negative in all patients and doppler (Duplex) assessment showed patent deep veins in all patients. All 32 patients (36 limbs) underwent Trendelenburg operation. Treatment modalities were Trendelenburg operation with stripping with stab avulsion (52.78%), Trendelenburg operation with stripping with subfascial ligation (36.11%), short saphenous vein ligation and stripping (5.56%) & excision of fibrous tissue and split skin grafting (5.56%). Post-operative complications in present Wound infection of the transverse groin incision was present in 2 patients.

Conclusion: In cases of venous ulcers occurring in patients with varicose veins, meticulous clinical assessment leads to successful treatment. Conservative treatment of venous ulceration should be tried before embarking on surgery which is the definitive treatment.

### **Keywords:**

Venous ulcers ,Varicose veins ,surgery trendel-burg operation