



Treatment Options for Chronic Venous Insufficiency

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Venous insufficiency can affect the superficial veins, deep veins or perforator veins. Superficial venous insufficiency is the topic of this monograph as it is most prevalent.

If the one-way vein valves malfunction, blood can leak back into a lower level and collect there. This problem is called venous insufficiency. Pooled blood enlarges the affected veins and over time, they become varicose. Mechanically minded people refer to 'one-way' valves as 'check valves.'

In essence, vein valves are healthy when they function as one-way valves and they are considered diseased when they function like two-way valves. 'Two-way' valves act like 'saloon doors' in Western movies.

Venous reflux disease pushes blood from the deep veins into the superficial veins. This is called superficial venous reflux disease. Its gets more complicated as there is superficial venous reflux disease, deep venous reflux disease and perforator venous reflux disease. Deep venous reflux is leakage of valves in the deep veins. Perforator venous reflux is leakage of blood from the deep veins into the superficial veins through these perforator (or connecting) veins. These occur through fascial defects in muscle groups.

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