



Quisanus has developed LegFit, a new intermittent pneumatic compression device (IPC device) with unique features for a treatment from hospital to home.

Intended purposes

LegFit is an intermittent pneumatic compression device used for the treatment of various venous disorders and for the prevention of deep vein thrombosis (DVT), especially after surgery and long hospital stay. The basic mode of action is the reversal of venous stasis and to prevent blood clotting. It helps to relieve all conditions of chronic venous diseases (edemas, heavy and swollen legs, varicose veins, leg ulcers). It can also prevent venous disorders during pregnancy and long-distance travel.

The medical advantages of IPC are well documented in several hundred studies and strongly recommended in international guidelines, for example the S1 Guideline on Intermittent Pneumatic Compression of the German Society for Phlebology (AWMF 037/007) or the Antithrombotic therapy and Prevention of Thrombosis, 9th edition, of the American College of Chest Physicians Evidence-Based Clinical Practice guidelines.

Efficacy of IPC

One of the remaining problems after a successful IPC treatment during hospital stay is that the patient is discharged without having the possibility to continue the IPC therapy.

Considering the literature, about 25% of these patients will have to be re-hospitalized due to DVT or pulmonary embolism.

It is strongly recommended to follow the IPC treatment, especially in cases, where medical drug treatment (blood thinners) is not possible or even contraindicated.

It is also indicated for any conditions of immobility of the lower leg (Hemiplegia with sensory disorder and edema). IPC is useful to treat edemas of various cause. In peripheral artery disease IPC is an option regarding special conditions.



Intended users

The device can be used by anybody irrespective of age and gender. There is no special training or education required to use the device. A technical support service is not necessary.

Cost saving

The device covers the need for prevention of further severe complications and helps to stay healthy. It contributes as well to reduce the economic burden of the health care system.

Features of the device

- ✓ Small size, lightweight, neat, and easy to operate with one button
- ✓ Powered by a rechargeable battery
- ✓ Easily detachable cuff for cleaning purposes or changing of cuff size
- ✓ Mobile app to change pressure and interval of the inflation cycle
- ✓ Ready to be used in everyday life situations anywhere - at work, at home, or during travelling

