

K012994

P1/2

MAR 27 2002

**510(K) SUMMARY**

***WizAir DVT™***

**510(k) Number K\_\_\_\_\_**

**Applicant's Name:**

Medical Compression Systems (DBN) Ltd.  
13 Granit Street, Building No. 32  
P.O. Box 7515  
Caesarea Industrial Park (North) 38900, Israel  
Tel: +972 (4) 6379895  
Fax: +972 (4) 6379152

**Contact Person:**

Shoshana Friedman, RAC  
Push-med Ltd.  
117 Ahuzah St.  
Ra'anana 43373, Israel  
Tel: 972-9-7718130  
Fax: 972-9-7718131

**Trade Name:**

***WizAir DVT™***

**Classification Name:**

Compressible Limb Sleeve

**Classification:**

Class II; Product Code JOW; Regulation No. 870.5800.

**Device Description:**

The **WizAir DVT™** is a prescriptive, pneumatic compression device designed to apply sequential compression to the lower limb. The control unit of the **WizAir DVT™** is light and compact, thus making it a portable ambulant system. The **WizAir DVT™** provides the user with an option of battery operation in addition to the operation from the mains option. The **WizAir DVT™** is easy to use and provides the user with several treatment options: compression of the foot – single or double, compression of the calf – single or double, compression of the Thigh – single or double, and combined compression of any combination of two cuffs.

The foot compression program is sequential intermittent pressure pulse application to a single celled foot cuff. The calf and thigh compression program is a sequential intermittent gradient application of a pressure to a three-celled calf cuff.

**Indications:**

The **WizAir DVT™** is a prescriptive device that induces Continuous Enhanced Circulation Therapy of the lower limbs.

The **WizAir DVT™** is intended for use in:

- Preventing Deep Vein Thrombosis (DVT).
- Enhancing blood circulation.
- Diminishing post-operative pain and swelling.
- Reducing wound-healing time.
- Treatment and assistance in healing: stasis dermatitis; venous stasis ulcers; arterial and diabetic leg ulcers.
- Treatment of chronic venous insufficiency.
- Reducing edema.

**Contraindications:**

The **WizAir™** system should not be used in the following cases: fresh pre-existing DVT, pulmonary embolism, leg gangrene, recent skin graft, acute thrombophlebitis and in medical situations where increased venous and lymphatic return is undesirable



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

MAR 27 2002

Medical Compression Systems (D.B.N.) Ltd.  
c/o Mr. Shoshana Friedman, RAC  
Managing Director  
Push-med Ltd.  
117 Ahuzah Street  
Ra'ananna 43373  
ISRAEL

Re: K012994

Trade Name: WizAir DVT™  
Regulation Number: 21 CFR 870.5800  
Regulation Name: Compressible Limb Sleeve  
Regulatory Class: Class II (two)  
Product Code: JOW  
Dated: December 24, 2001  
Received: December 27, 2001

Dear Mr. Friedman:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Page 2 - Mr. Shoshana Friedman, RAC

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 21 CFR Part 809.10 for *in vitro* diagnostic devices), please contact the Office of Compliance at (301) 594-4646. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>

Sincerely yours,



for

Bram D. Zuckerman, M.D.  
Acting Director  
Division of Cardiovascular  
and Respiratory Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

**INDICATIONS FOR USE**

510(k) Number (if known): \_\_\_\_\_

Device Name: **WizAir DVT™**

**Indications for Use:**

The **WizAir DVT™** is a prescriptive device that induces Continuous Enhanced Circulation Therapy of the lower limbs.

The **WizAir DVT™** is intended for use in:

- Preventing Deep Vein Thrombosis (DVT).
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- Reducing wound-healing time.
- Treatment and assistance in healing: stasis dermatitis; venous stasis ulcers; arterial and diabetic leg ulcers.
- Treatment of chronic venous insufficiency.
- Reducing edema.

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(PLEASE DO NOT WRITE BELOW THIS LINE -CONTINUE ON ANOTHER PAGE IF NEEDED)

Division of Cardiovascular & Respiratory Devices  
510(k) Number \_\_\_\_\_

*Emalis*

510(k) Number K012994

Prescription Use  X   
(Per 21 CFR 801.109)

OR

Over the Counter Use \_\_\_\_\_