

## 510(k) Summary Pursuant to 21 CFR 807.92

DEC 13 2013

### General Company Information

**Company Name:** Normed® Medizin-Technik GmbH

**Company Address:** Ulrichstrasse 7  
D-78532  
Tuttlingen, Germany

**Company Telephone:** +(011) 49 7461 93 43 0  
+(011) 49 7461 93 43 20

**Contact:** Dalene Binkley, MS, RAC  
FDC Services, LLC  
Regulatory Affairs Consultant

**Contact Address:** 1927 N. Arthur Drive  
Columbia City, Indiana 46725  
(260) 244-4189

**Date:** December 9, 2013

**Device Trade Name:** Pellegrin Calcaneus Stop Screw

**Common Name:** Subtalar Arthroereisis Implant

**Classification Name:** Smooth & threaded metallic bone fixation fasteners (21 CFR 888.3040)

**Class:** II

**Product Code:** HWC

**Predicate Device:** Trilliant Surgical Disco Subtalar Implant,  
K111834 (cleared 12/6/11)

Tornier Futura Angled Subtalar Implant,  
K033046 (cleared 12/23/03)

Multithread Vilex Cannulated Bone Screw,  
K014154 (cleared 3/18/02)

**Device Description:** The *Normed Pellegrin Calcaneus Stop Screws* are threaded, cannulated, tapered screws. They designed to be inserted into the calcaneus bone of the foot for subtalar arthoroereisis. They are made from CrNiMO Stainless Steel for Surgical Implants (ASTM F138, ISO 58321). The implant is offered in 3 lengths - 25mm, 30mm and 35mm. The implants are provided non-sterile and single-use only. The instruments are non-sterile and reusable.

**Intended Use:** The Pellegrin Calcaneus Stop Screw System is indicated for adult, children and adolescent patients.

The screws are intended to block forward, downward and medial displacement of the talus, thus allowing normal subtalar joint motion but blocking excessive pronation and the resulting sequela.

Adult - additive subtalar alignment for flat foot.

Children – flexible flat foot treatment in children and adolescents

**Technological Characteristics:**

The Pellegrin Calcaneus Stop Screw System are similar to legally marketed predicate devices listed previously. The screws share similar indications of use, are manufactured from similar materials and incorporate similar technological characteristics.

**Performance Data**  
**(Nonclinical and/or**  
**Clinical):**

Non-clinical testing demonstrated for the *Normed* Pellegrin Calcaneus Stop Screw System meets performance requirements as defined by Design Control activities and are substantially equivalent to the predicate devices in terms of safety and efficacy.

<b>Device</b>	<b>Testing</b>	<b>Standard</b>
<b>Screws</b>	The torsional properties of metallic bone screws	ASTM F543-07
	The driving torque properties of metallic bone screws	ASTM F543-07
	Press-in bending characteristics of medical bone screw	Custom Test



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
10903 New Hampshire Avenue  
Document Control Center – WO66-G609  
Silver Spring, MD 20993-0002

December 13, 2013

Normed® Medizin-Technik GmbH  
% Dalene Binkley, MS, RAC  
FDC Services, LLC  
8708 Capehart Cove  
Austin, Texas 78733

Re: K133035

Trade/Device Name: Normed® Pellegrin Calcaneus Stop Screw  
Regulation Number: 21 CFR 888.3040  
Regulation Name: Smooth or threaded metallic bone fixation fastener  
Regulatory Class: Class II  
Product Code: HWC  
Dated: October 11, 2013  
Received: October 17, 2013

Dear Ms. Binkley:

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. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to 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.

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); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); good manufacturing practice requirements as set

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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.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address: <http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,

**Ronald P. Jean -S** for

Mark N. Melkerson  
Director  
Division of Orthopedic Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

DEPARTMENT OF HEALTH AND HUMAN SERVICES  
Food and Drug Administration

Form Approved: OMB No. 0910-0120  
Expiration Date: December 31, 2013  
See PRA Statement on last page.

### Indications for Use

510(k) Number (if known)  
K133035

Device Name  
Normed Pellegrin Calcaneus Stop Screw

Indications for Use (Describe)

The Normed® Pellegrin Calcaneus Stop Screw System is indicated for adult, children and adolescent patients.

The screws are intended to block forward, downward and medial displacement of the talus, thus allowing normal subtalar joint motion but blocking excessive pronation and the resulting sequela.

Adult - additive subtalar alignment for flat foot.

Children - flexible flat foot treatment in children and adolescents

Type of Use (Select one or both, as applicable)

Prescription Use (Part 21 CFR 801 Subpart D)

Over-The-Counter Use (21 CFR 801 Subpart C)

PLEASE DO NOT WRITE BELOW THIS LINE -- CONTINUE ON A SEPARATE PAGE IF NEEDED.

FOR FDA USE ONLY

Concurrence of Center for Devices and Radiological Health (CDRH) (Signature)

**Elizabeth L. Frank -S**