

K103353

510(k) Summary for the NMI PDC II

JAN 14 2011

Date prepared: 15-November-2010

**A. Sponsor**

Navilyst Medical, Inc  
26 Forest Street  
Marlborough, MA 01752

**B. Contact**

Wanda Carpinella  
Sr. Manager, Global Regulatory Affairs  
508-658-7929

Lorraine M. Hanley  
Director, Global Regulatory Affairs  
508-658-7945

**C. Device Name**

Trade Name:	To be determined
Common/Usual name:	Percutaneous Drainage Catheter
Classification Name:	FGE-Catheter, Biliary, Diagnostic 21CFR§876.5010, Class II
	LJE-Catheter, Nephrostomy, General & Plastic Surgery 21CFR§878.4200, Unclassified
	GBX-Catheter, Nephrostomy, General & Plastic Surgery 21CFR§878.4200, Class I
	GBO-Catheter, Nephrostomy, General & Plastic Surgery 21CFR§878.4200, Class I

**D. Predicate Device(s)**

Common/Usual name:	NMI PDC
Classification Name:	FGE-Biliary Catheter and Accessories 21CFR§876.5010, Class II
Premarket Notification(s):	K093392 LJE-Catheter, Nephrostomy, General & Plastic Surgery 21CFR§878.4200, Unclassified GBX-Catheter, Nephrostomy, General & Plastic Surgery 21CFR§878.4200, Class I GBO-Catheter, Nephrostomy, General & Plastic Surgery 21CFR§878.4200, Class I

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#### **E. Device Description**

The proposed percutaneous drainage catheter consists of a flexible tube with an open distal tip, drainage holes and a lubricious surface. The distal end of the device has either a pigtail or J-Tip configuration. Some catheter models have a radiopaque marker to aid the user in placement. The proximal hub assembly of the device provides a Luer lock hub to allow the user to connect to a fluid collection device. Accessories include a Metal Stiffening Cannula and Plastic Stiffening Cannula and some sets include an additional Trocar.

#### **F. Intended Use**

- Multipurpose Drainage Catheters are intended for percutaneous drainage of fluid in the chest, abdomen and pelvis, e.g., abscesses, cysts, pneumothorax, biliary, nephrostomy, urinary, pleural empyemas, lung abscess, and mediastinal collections.
- Nephrostomy Drainage Catheters are intended for percutaneous drainage of fluid collections in the urinary system.
- Biliary Drainage Catheters are intended for percutaneous drainage of the biliary tree.

#### **G. Technological Characteristics**

The proposed device has similar materials, design and components and technological characteristics as predicate percutaneous drainage catheters.

#### **H. Performance Data**

The proposed drainage catheters were tested and compared to predicate devices. Results of this testing demonstrate safety and effectiveness of the proposed device and substantial equivalence. Results of biocompatibility testing performed in accordance with ISO 10993-1 demonstrate the proposed device is acceptable for its intended use.

#### **I. Conclusion**

Based on responses to questions posed in the FDA's Decision Making Tree, the proposed devices are substantially equivalent.



DEPARTMENT OF HEALTH & HUMAN SERVICES

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

Ms. Wanda Carpinella  
Sr. Manager, Regulatory Affairs  
Navilyst Medical, Inc.  
26 Forest Street  
MARLBOROUGH MA 01752

JAN 14 2011

Re: K103353  
Trade/Device Name: NMI Percutaneous Drainage Catheter (PDC) II  
Regulation Number: 21 CFR §876.5010  
Regulation Name: Biliary catheter and accessories  
Regulatory Class: II  
Product Code: FGE  
Dated: December 16, 2010  
Received: December 17, 2010

Dear Ms. Carpinella:

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.

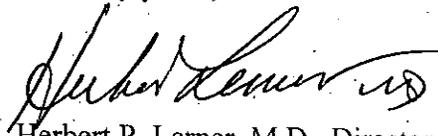
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's 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 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 go to <http://www.fda.gov/AboutFDA/CentersOffices/CDRH/CDRHOffices/ucm115809.htm> for the Center for Devices and Radiological Health's (CDRH's) Office of Compliance. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 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,



Herbert P. Lerner, M.D., Director (Acting)  
Division of Reproductive, Gastro-Renal  
and Urological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health.

Enclosure

**Indications for Use**

510(k) Number (if Known): K103353

Device Name: NMI Percutaneous Drainage Catheter (PDC) II

Indications for Use:

**Multipurpose Drainage Catheters** are intended for percutaneous drainage of fluid or air from the chest, abdomen and pelvis, e.g., abscesses, cysts, pneumothoraces, biliary, nephrostomy, urinary, pleural empyemas, lung abscesses, and mediastinal collections.

**Nephrostomy Drainage Catheters** are intended for percutaneous drainage of fluid collections in the urinary system.

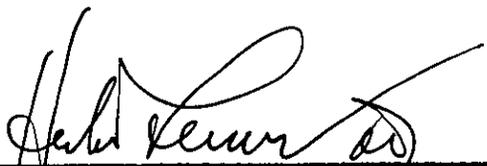
**Biliary Drainage Catheters** are intended for percutaneous drainage of the biliary tree.

Prescription Use (21 CFR 801 Subpart D)  And/Or AND/OR Over-The-Counter Use: (21 CFR 801 Subpart C)

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

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Concurrence of CDRH, Office of Device Evaluation (ODE)

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**(Division Sign-Off)**  
**Division of Reproductive, Gastro-Renal, and Urological Devices**  
510(k) Number K103353