

**510(K) SUMMARY**

**Compression Anastomosis Ring (CAR)**

510(k) Number K 062008

**Applicant's Name:**

NiTi Medical Technologies Ltd.  
4 Hatzoran St., P.O.Box 8634  
Netanya 42506, Israel  
Tel.: 972-9-865-0610  
Fax: 972-9-835-0127

AUG - 9 2006

**Contact Person:**

Orly Maor  
1 Hatzoran St., P.O.Box 8634  
Netanya 42506, Israel  
Tel.: 972-9-865-0610  
Fax: 972-9-835-0127  
orly@nitimed.com

And/or

Jonathan S. Kahan, Esq.  
Hogan & Hartson, L.L.P.  
Columbia Square  
555 Thirteenth Street, NW  
Washington, DC 20004-1109  
Tel: (202) 637-5794  
Fax: (202) 637-5910

**Date Prepared:**

July 6, 2006

**Trade Name:**

Compression Anastomosis Ring (CAR)

**Classification Name:**

IMPLANTABLE CLIP

**Classification:**

The FDA has classified implantable clips as class II devices (product code FZP, 21 C.F.R. § 878.4300) and they are reviewed by the Division of General and Restorative Devices.

**Predicate Device:**

- Compression Anastomosis Ring (CAR) (NiTi Medical Technologies Ltd.) cleared under K050356.

**Performance Standards:**

No performance standards have been established for such device under Section 514 of the Federal Food, Drug, and Cosmetic Act.

**Intended Use:**

The NiTi Compression Anastomosis Ring (CAR) is intended for use throughout the alimentary tract for the creation of end-to-end, end-to-side and side-to-side anastomoses in both open and laparoscopic surgeries. Once wound strength is sufficient to maintain the anastomosis, the NiTi Compression Anastomosis Ring is passed from the body.

**Device Description:**

The Compression Anastomosis Ring (CAR) device is a sterile single use device. The CAR provides a simple method for the creation circular compression anastomosis of the alimentary tract.

After a period of 7-10 days, a compression-induced necrosis of the tissue sides underneath the ring occurs and the whole device, together with the necrosed tissue that was compressed by the rings, detaches and is naturally expelled with the stool.

**Substantial Equivalence:**

Based on validations and performance testing results, including animal studies, NiTi Medical Technologies Ltd. believes that the Compression Anastomosis Ring (CAR) is substantially equivalent to its predicate device cited above without raising new safety and/or effectiveness issues.



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

AUG - 9 2006

Niti Medical Technologies, Ltd.  
% Orly Maor  
RA/CA Manager  
4 Hatzoran Street  
P.O. Box 8634  
Netanyz, Israel 42506

Re: K062008  
Trade/Device Name: CAR  
Regulation Number: 21 CFR 878.4300  
Regulation Name: Implantable clip  
Regulatory Class: II  
Product Code: FZP  
Dated: July 23, 2006  
Received: July 27, 2006

Dear Orly Maor:

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.

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

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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.

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), please contact the Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). 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 (240) 276-3150 or at its Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

Handwritten signature of Barbara Bonetino in cursive script.

Mark N. Melkerson

Director

Division of General, Restorative  
and Neurological Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

**INDICATIONS FOR USE STATEMENT**

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

**Device Name:** Compression Anastomosis Ring (CAR)

**Indications for Use:**

The NiTi Compression Anastomosis Ring (CAR) is intended for use throughout the alimentary tract for the creation of end-to-end, end-to-side and side-to-side anastomoses in both open and laparoscopic surgeries. Once wound strength is sufficient to maintain the anastomosis, the NiTi Compression Anastomosis Ring is passed from the body.

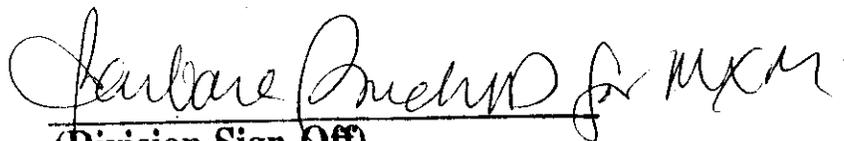
Prescription Use    
 (Part 21 CFR 801 Subpart D)

AND/OR

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

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

Concurrence of CDRH, Office of Device Evaluation (ODE)



(Division Sign-Off)

**Division of General, Restorative,  
and Neurological Devices**

**510(k) Number** K062008