

**Section 5: 510(k) Summary****Device Information:**

Category	Comments
Sponsor / Submitter:	MyoScience, Inc 525 Chesapeake Drive Redwood City, CA 94063 (650) 474-2600 (650) 474-2700
Correspondent Contact Information:	Tracey Henry Director RAQA, Clinical Compliance 525 Chesapeake Drive Redwood City, CA 94063 (650) 474-2600 (650) 474-2900
Device Common Name:	Cryosurgical unit and accessories
Device Classification & Code:	Class II, GEH
Device Classification Name:	Cryosurgical unit and accessories (21 CFR 878.4350)
Device Proprietary Name:	MyoScience Cryo-Touch

**a. Predicate Device Information:**

- CryoProbe (K024009), H&O Equipments NV/SA, Inc
- CryoShape (K060928), Etgar Group H.M.Y.A. Ltd

**b. Date Summary Prepared**

March 17, 2009

**c. Description of Device**

The MyoScience Cryo-Touch device is a hand-held, single patient-use disposable, cryosurgical instrument used for destroying tissue by subcutaneous insertion of a needle during general surgical procedures. The device is based on introduction of a needle cooled by the cryogenic fluid (liquid nitrous oxide (N<sub>2</sub>O)) to a selected area. The needle is cooled by the Joule-Thompson effect.

The Cryo-Touch comes with a variety of stainless steel closed-tip needle assemblies for use in various applications.

The Cryo-Touch uses a commercially available nitrous oxide cylinder.

**d. Intended Use**

The MyoScience Cryo-Touch device is intended to destroy tissue during surgical procedures by applying freezing cold.

**e. Comparison to Predicate Devices**

The MyoScience Cryo-Touch is substantially equivalent in intended use, technology, design and materials to the above listed legally marketed predicate devices.

**f. Summary of Supporting Data**

Biocompatibility data demonstrates that the device is in compliance with ISO 10993.

Performance testing has demonstrated that the device is in compliance with pertinent standards, the medical community's expectations and the product labeling.

**g. Conclusion**

MyoScience concludes that the Cryo-Touch described in this submission is substantially equivalent to the predicate devices and no new issues of safety or efficacy have been introduced.



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

MyoScience, Inc.  
% Tracey Henry  
Director RA/QA, Clinical Compliance  
525 Chesapeake Drive  
Redwood City, California 94063

MAR 20 2009

Re: K083493

Trade/Device Name: MyoScience Cryo-Touch  
Regulation Number: 21 CFR 878.4350  
Regulation Name: Cryosurgical unit and accessories  
Regulatory Class: II  
Product Code: GEH  
Dated: February 23, 2009  
Received: February 25, 2009

Dear Tracey Henry:

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.

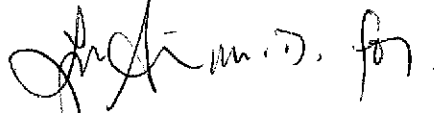
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set 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.

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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 Center for Devices and Radiological Health's (CDRH's) Office of Compliance at (240) 276-0115. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding postmarket surveillance, please contact CDRH's Office of Surveillance and Biometric's (OSB's) Division of Postmarket Surveillance at (240) 276-3474. For questions regarding the reporting of device adverse events (Medical Device Reporting (MDR)), please contact the Division of Surveillance Systems at (240) 276-3464. 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,



Mark N. Melkerson  
Director  
Division of General, Restorative  
and Neurological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

**Section 4: Indications for Use Statement**

510(k) Number:

K083493

Device Name:

MyoScience Cryo-Touch

Indications for Use:


The MyoScience Cryo-Touch device is intended to destroy tissue during surgical procedures by applying freezing cold.

Prescription Use  X  AND/OR Over-the-Counter Use \_\_\_\_\_  
(Part 21 CFR 801 Subpart D) (21 CFR 807 Subpart C)

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

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(Division Sign-Off)  
Division of General, Restorative,  
and Neurological Devices

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