

K090938



Odyssey Medical, Inc.  
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Bartlett, TN 38133  
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JUN - 4 2009

### 510K Summary

Submitted: 03/12/2009  
By: Terry Green  
Registration Number: 1060840  
Trade Name: Punctal Occluder  
Common Name: Plug, Punctum  
Product Name: Micro Flow  
Classification Name: LZU  
Classification Panel: Ophthalmic  
Device Class: Unclassified  
Performance Standards: None Established

**Summary:**

This device, made of medical grade silicone, titanium dioxide as a colorant and utilizing a proprietary surface treatment made under current good manufacturing practices, is a small, generally "plug" shaped design. Punctal Occluders are intended for the treatment of "dry eye" conditions through partial occlusion of individual punctal openings. By material, design and intended use, Micro Flow is substantially equivalent to the previous Odyssey Punctal Occluder (K970631).

Differences between the two devices may be described as follows:

The original Odyssey plug under 510 K970631 has a larger angle nose, no through hole and shorter in length.

The new design "Micro-Flow" is similar to the original plug with the exceptions of the following:

- A through hole which allows for partial occlusion of individual punctal openings.
- A .002 ridge on nose to help support the designed through hole.
- Angle on nose (tip) is smaller.

Alternative methods of punctal occlusion are either permanent or difficult to reverse. In contrast, the submitted method is both functionally safe and fully reversible. Unlike some other methods, this device does not require the breach of intact tissue surfaces or the risk of damaging said surface should reversal become desirable.

*Kim Finch for Terry Green*  
(Signature)

Kim Finch  
(Typed Name)

6/2/09  
(Date)

K090938  
(Premarket Notification [510(k)] Number)



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Odyssey Medical, Inc.  
c/o Terry R. Green  
2975 Brother Blvd.  
Bartlett, Tennessee 38133

JUN - 4 2009

Re: K090938  
Trade/Device Name: Micro Flow Punctal Occluder  
Regulatory Class: Unclassified  
Product Code: LZU  
Dated: March 26, 2009  
Received: April 3, 2009

Dear Mr. Green:

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.

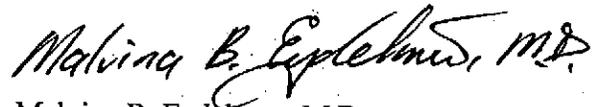
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further 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 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 the reporting of adverse events under the MDR regulation (21 CFR Part 803), please contact the CDRH/Office of Surveillance and Biometrics/Division of Postmarket Surveillance at 240-276-3464. For more information regarding the reporting of adverse events, please go to <http://www.fda.gov/cdrh/mdr/>.

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,



Malvina B. Eydelman, M.D.

Director

Division of Ophthalmic and Ear, Nose  
and Throat Devices

Office of Device Evaluation

Center for Devices and Radiological Health

Enclosure

## Indications for Use

510(k) Number: K090938

Device Name: Micro Flow

Indications for Use:

Punctal Occluders (plugs) are indicated for the treatment of "dry eye" syndrome.

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Prescription Use

X\_

Over-The-Counter Use

(Part 21 CFR 801 Subpart D)

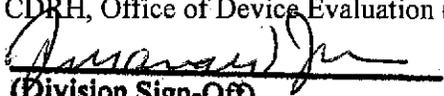
AND/OR

(21 CFR 801 Subpart C)

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OF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

  
(Division Sign-Off)

Division of Ophthalmic and Ear,  
Nose and Throat Devices

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