K080567

510(K) Summary

APR 16 2008

This 510(K) Summary is being submitted in accordance with 21 CFR 807.92

Applicant:	Palomar Medical Technologies, Inc. 82 Cambridge St. Burlington, MA 01803
Contact:	Sharon Timberlake, RAC, CCRA Director of Regulatory Affairs (781) 993-2414
Preparation Date:	April 9, 2008
Device Trade Name:	The Palomar Aspire™ Laser Platform
Common Name:	Medical laser system
Classification Name:	Laser surgical instrument for use in General and Plastic Surgery and Dermatology (21 CFR 878.4810)
Product Code:	79 GEX
Predicate Device:	Cynosure, Inc. Cynosure SmartLipo Multiwavelength Laser K080121, K0733394, K062321 Biolitec, Inc. Ceralas D 980 nm Diode Laser System K072779 Sciton, Inc. Profile Multi-Platform System ProLipo K070388 New Star Lasers, Inc. CoolLipo Nd: YAG Laser System K072751
System Description:	The Palomar Aspire™ Laser Platform is a small transportable system which includes a cart, power supply, software, user interface panel, footswitch, cooling system and handpiece.

Intended Use:	The Palomar Aspire™ Laser Platform is indicated for laser assisted lipolysis.
Performance:	Performance data was provided in this 510(k) Premarket Notification showing the Palomar Aspire™ Laser Platform is capable of performing the same intended use as its predicates.
Substantial Equivalence:	The Palomar Aspire™ Laser Platform is as safe and effective as its predicate devices. The information provided in this application demonstrates the Palomar Aspire™ Laser Platform shares the same indications for use, similar technological characteristics, and principals of operation. Therefore it is substantially equivalent to its predicate devices.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

APR 16 2008

Palomar Medical Technologies, Inc.
% Ms. Sharon Timberlake, RAC, CCRA
Director, Regulatory Affairs
82 Cambridge Street
Burlington, Massachusetts 01803

Re: K080567
Trade/Device Name: Palomar Aspire™ Laser Platform
Regulation Number: 21 CFR 878.4810
Regulation Name: Laser surgical instrument for use in general and plastic surgery and in dermatology
Regulatory Class: II
Product Code: GEX
Dated: April 9, 2008
Received: April 10, 2008

Dear Ms. Timberlake:

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.

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

Indications for Use

510(k) Number (if known): K080567

Device Name: Palomar Aspire™ Laser Platform

Indications for Use:

The Palomar Aspire™ Laser Platform is indicated for laser assisted lipolysis.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ___X___ OR Over-The-Counter Use _____
(Per 21 CFR 801.109)

(Optional Format 1-2-96)

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

510(k) Number K080567