



Food and Drug Administration
10903 New Hampshire Avenue
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December 18, 2014

St. Jude Medical
Zachary Price
Sr. Regulatory Affairs Specialist
15900 Valley View Court
Sylmar, California 91342

Re: K142235
Trade/Device Name: CPS Aim™ MediGuide Enabled™ Slittable Inner Guide Catheter
Models DS2M051, DS2M052, DS2M053, DS2M054 and
DS2M055
Regulation Number: 21 CFR 870.1250
Regulation Name: Percutaneous Catheter
Regulatory Class: Class II
Product Code: DQY
Dated: November 21, 2014
Received: November 24, 2014

Dear Mr. Price,

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 contact the Division of Industry and Consumer Education 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>. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 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 Industry and Consumer Education 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,

Melissa A. Torres -S

For Bram D. Zuckerman, M.D.
Director
Division of Cardiovascular Devices
Office of Device Evaluation
Center for Devices and Radiological Health

Enclosure

K142235

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Indications for Use

Device Name: CPS Aim™ MediGuide Enabled™ Slittable Inner Guide Catheter
Models DS2M051, DS2M052, DS2M053, DS2M054 and DS2M055

Indications for Use: The St. Jude Medical™ CPS Aim™, MediGuide Enabled™ slittable inner catheter (subselector/cannulator) is designed for intracardiac access of the coronary sinus and subselection of the venous system of the heart, and to serve as a conduit during implantation for the delivery of contrast medium and St. Jude Medical™ devices, including leads and guidewires. In addition, CPS Aim™, MediGuide Enabled™ slittable inner catheters (subselector/cannulator) can work with outer guide catheters as a system. The CPS Aim™, MediGuide Enabled™ slittable inner catheter is used with the MediGuide™ System to enable realtime tip positioning and navigation within the anatomy. The MediGuide™ system is indicated for use as an adjunct to fluoroscopy.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use X
(Part 21 CFR 801 Subpart D)

AND/OR

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

CPS Direct™ MediGuide
Enabled™ Inner Catheter
Traditional 510(k)
St. Jude Medical

510(k) Summary

Submitter : St Jude Medical, CRMD
15900 Valley View Court
Sylmar, CA 91324
Establishment Registration Number: 2017865

Contact Person : Zachary Price
Senior Regulatory Affairs Specialist
Phone (818) 493 2903
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Date Prepared : August 12, 2014

Trade Name : CPS Aim™ MediGuide Enabled™ Slittable Inner Guide Catheter Models
DS2M051, DS2M052, DS2M053, DS2M054, and DS2M055

Classification : Class II – 21 CFR 870.1250
Catheter Percutaneous

Product Code : DQY

Predicate Device: The subject device is equivalent to the following St Jude Medical and
MediGuide Devices

St Jude Medical CPS Aim™ SL Slittable Inner Catheter (K090613)
cleared on July 7, 2009

MediGuide Guided Measurement Catheter (GMC) (K091780) cleared on
October 16, 2009

Device Description: The St. Jude Medical™ CPS Aim™, MediGuide Enabled™ slittable inner
catheter (subselector/cannulator) is used to facilitate left heart lead
delivery procedures. The CPS Aim, MediGuide Enabled slittable inner
catheter (subselector/cannulator) contains a magnetic sensor allowing it to
be tracked using the MediGuide™ System. The inner catheter facilitates
cannulation of the coronary sinus or subselection of branch veins off of the
coronary sinus/great cardiac vein during surgical implantation procedures.
It may also be used for the delivery of contrast medium and St. Jude
Medical™ devices, including guidewires.

When used in conjunction with outer guide catheters, the CPS Aim,
MediGuide Enabled slittable inner catheter (subselector/cannulator) can
function as a dual-catheter assembly.

Intended Use: The St. Jude Medical™ CPS Aim™, MediGuide Enabled™ slittable inner catheter (subselector/cannulator) is designed for intracardiac access of the coronary sinus and subselection of the venous system of the heart, and to serve as a conduit during implantation for the delivery of contrast medium and St. Jude Medical™ devices, including leads and guidewires. In addition, CPS Aim™, MediGuide Enabled™ slittable inner catheters (subselector/cannulator) can work with outer guide catheters as a system. The CPS Aim™, MediGuide Enabled™ slittable inner catheter is used with the MediGuide™ System to enable realtime tip positioning and navigation within the anatomy. The MediGuide™ system is indicated for use as an adjunct to fluoroscopy.

Comparison to Predicate Devices The St Jude Medical CPS Aim™ MediGuide Enabled™ slittable inner guide catheter and accessories have a similar intended use and the same fundamental scientific technology as the predicate devices. All technological characteristics of CPS Aim™ MediGuide Enabled™ slittable inner catheter and accessories are substantially equivalent to the predicate devices including packaging, biocompatibility, sterilization, and labeling. Where differences exist between the subject device and the predicate devices performance testing demonstrated that these differences do not adversely affect the safety and effectiveness of the subject device.

Performance Testing (non-clinical) Product verification was performed on the CPS Aim™ MediGuide Enabled™ slittable inner catheter to confirm that it meets the design requirements and applicable industry standards. Testing included evaluations of (1) package integrity, (2) seal strength, (3) saline and aspiration leak testing, (4) visual inspection, (5) dimensional testing, (6) kink testing, (7) compatibility testing, (8) electrical integrity, (9) tensile testing, (10) rotation capacity, (11) torque testing, (12) slit force, (13) flex testing, (14) radiopacity testing, (15) polarity, and (16) static accuracy. This evaluation of the mechanical, functional, and biocompatibility testing with the CPS Aim™ MediGuide Enabled™ slittable inner catheter demonstrated that it met all specified design and performance specifications.

Conclusion : St Jude Medical considers the CPS Aim™ MediGuide Enabled™ slittable inner catheter and accessories to be equivalent to the predicate devices listed above. This conclusion is based upon the device similarities in

design, technological characteristics, principle of operation, materials and indications for use.