



Food and Drug Administration  
10903 New Hampshire Avenue  
Document Control Center - WO66-G609  
Silver Spring, MD 20993-0002

December 18, 2014

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

Re: K142239  
Trade/Device Name: CPS Direct™ Mediguide Enabled™ Slittable Outer Guide  
Catheter Models DS2M041, DS2M042, DS2M043, DS2M044  
Regulation Number: 21 CFR 870.1250  
Regulation Name: Percutaneous Catheter  
Regulatory Class: Class II  
Product Code: DQY  
Dated: November 19, 2014  
Received: November 20, 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

K142239

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### Indications for Use

Device Name: CPS Direct™ MediGuide Enabled™ Slittable Outer Guide Catheter  
Models DS2M041, DS2M042, DS2M043, DS2M044

Indications for Use: The St. Jude Medical™ CPS Direct™, MediGuide Enabled™ slittable outer guide catheter is designed for intracardiac access 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 implantable left heart leads and delivery tools), and support of fluids where minimizing blood loss is essential. The CPS Direct™, MediGuide Enabled™ slittable outer guide catheter are used with the MediGuide System to enable real-time tip positioning and navigation. The MediGuide system is indicated for use as an adjunct to fluoroscopy. In addition, the CPS Direct™, MediGuide Enabled™ slittable outer guide catheters can work with inner catheters as a system.

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NEEDED)

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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™ Outer 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 Direct™ MediGuide Enabled™ Slittable Outer Guide Catheter  
Models DS2M041, DS2M042, DS2M043, and DS2M044

**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 Direct™, MediGuide Enabled™ Slittable Outer Guide Catheter (K120296 cleared on May 11, 2012)

**Device Description:** The St. Jude Medical CPS Direct™, MediGuide Enabled™ outer catheter is made from PEBAX and reinforced with a stainless steel braid. The shaft has progressively decreasing durometers of PEBAX from the proximal to the distal end with a soft, atraumatic distal tip. The distal end is embedded with a sensor coil to enable device tip projection onto the MediGuide™ system and tungsten stripes for fluoroscopic visibility. The hub contains an integrated hemostasis valve and a molded slit channel. The hub contains a sideport with extension tubing for contrast delivery, aspiration or saline flush using a 3-way stopcock. In addition, the hub contains a port for the connector cable.

**Intended Use:** The St Jude Medical CPS Direct™ MediGuide Enabled™ slittable outer guide catheter is designed for intracardiac access 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 implantable left heart leads and delivery tools), and support of fluids where minimizing

blood loss is essential. The CPS Direct™ MediGuide Enabled™ slittable outer guide catheter is used with the MediGuide™ System to enable real-time tip positioning and navigation. The MediGuide™ system is indicated for use as an adjunct to fluoroscopy. In addition, the CPS Direct™ MediGuide Enabled™ slittable outer guide catheters can work with inner catheters as a system

Comparison to  
Predicate Devices:

The St Jude Medical CPS Direct™ MediGuide Enabled™ slittable outer guide catheter (from herein referenced as CPS Direct™ MediGuide Enabled™ outer catheter kit) has a similar intended use and the same fundamental scientific technology as the predicate devices. All technological characteristics of CPS Direct™ MediGuide Enabled™ outer catheter kit 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 Direct™ MediGuide Enabled™ outer catheter kit 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 properties of the CPS Direct™ MediGuide Enabled™ outer catheter kit demonstrated that it met all specified design and performance specifications.

Conclusion:

St Jude Medical considers the CPS Direct™ MediGuide Enabled™ outer catheter kit to be equivalent to the predicate devices listed above. This conclusion is based upon the device similarities in design, technological characteristics, and principle of operation, materials and indications for use.