K002976

DEC 22 2000

510(k) Summary
(as required by 21 CFR 807.92)

A. Submitter Information

Submitter's Name:	St. Jude Medical, DAIG Division
Address:	14901 DeVeau Place Minnetonka, Minnesota 55345-2126 U.S.A.
Telephone Number:	(952) 933-4700
Contact Person:	Dean Bruhn-Ding
Date Submission Prepared:	September 22, 2000

B. Device Information

Common or usual Name:	Diagnostic Electrophysiology Catheter
Classification Name:	Catheter, Electrode Recording
Predicate Device:	Electrophysiology Catheter DAIG Corporation
Device Description/Intended Use:	The electrophysiology catheters are manufactured in various fixed curves and electrode spacings for electrophysiological mapping for the evaluation of a variety of cardiac arrhythmias from endocardial and intravacular sites.
Indications for Use:	DAIG Electrophysiology Catheters can be used in the evaluation of a variety of cardiac arrhythmias from endocardial and intravascular sites.

C. Comparison of Required Technological Characteristics

All technological characteristics of the DAIG Response™ and Supreme™ Electrophysiology Catheters are substantially equivalent to the predicate DAIG Electrophysiology Catheter including product design, materials, packaging, and sterilization.

D. Performance Data

Related published literature was cited to show Safety and Effectiveness of the use of electrophysiology diagnostic catheters to evaluate cardiac arrhythmias from endocardial and intravascular sites.

E. Conclusion

St. Jude Medical, Daig Division considers the subject devices to be substantially equivalent to the same predicate device: the DAIG Electrophysiology Catheter, a legally marketed device.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
2098 Gaither Road
Rockville MD 20850

DEC 22 2000

Mr. Dean Bruhn-Ding
St. Jude Medical
Daig Division
14901 Deveau Place
Minnetonka, MN 55345

Re: K002976
Trade Name: Daig EP Mapping Catheters
Regulatory Class: II (two)
Product Code: DRF
Dated: September 22, 2000
Received: September 25, 2000

Dear Mr. Bruhn-Ding

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we 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). 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 (Premarket Approval), 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 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements

concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 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 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4639. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "http://www.fda.gov/cdrh/dsma/dsmamain.html".

Sincerely yours,

James E. Dillard III
Director
Division of Cardiovascular
and Respiratory Devices
Office of Device Evaluation
Center of Devices and
Radiological Health

Enclosure

510(K) Number (if known): K002976

Device Name: **Daig Electrophysiology Catheter – Response™ and Supreme™**

Indications for Use:

Daig Electrophysiology Catheters can be used in the evaluation of a variety of cardiac arrhythmias from endocardial and intravascular sites.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use _____ OR Over-The-Counter Use _____
(per 21 CFR 801.109) (Optional Format 1-2-96)

Division of Cardiovascular [illegible] Devices
510(k) Number K002976