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6 1998

Siemens Medical Systems, Inc.,
Nuclear Medicine Group
E.CAM Extra High Energy Collimator

K982387

SUMMARY OF SAFETY AND EFFECTIVENESS

July 8, 1998

I. General Information

Classification Name: System, Tomography, Computed Emission

Product Code: 90KPS

Device Trade Name: E.CAM 511keV Collimator

Classification: Class II Medical Device

Intended Uses: Anatomical Region: All
Diagnostic Uses: Imaging

Establishment Name and Address: Siemens Medical Systems, Inc.
Nuclear Medicine Group
2501 N. Barrington Road
Hoffman Estates, Illinois 60195-7372

Establishment Registration Number: Owner/Operator No. 9010023

Performance Standard: None established under Section 514 of the
Food, Drug and Cosmetic Act

II. Safety and Effectiveness Information Supporting the Substantial Equivalence Determination

General Safety and Effectiveness Concerns:

The device labeling contains instructions for use. It includes indications for use and cautions. This information assures safe and effective use of the device.

Substantial Equivalence

The Siemens E.CAM Extra High Energy Collimator is a product which is substantially equivalent to legally marketed devices.



OCT 6 1998

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850Andrea DiSani
Regulatory Affairs Associate
Siemens Medical Systems, Inc.
2501 North Barrington Road
Hoffman Estates, IL 60195-7372Re: K982387
E.CAM Extra High Energy Collimator
Dated: July 8, 1998
Received: July 9, 1998
Regulatory class: II
21 CFR 892.1200/Procode: 90 KPS

Dear Mr. DiSani:

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 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) 594-4613. 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" (21 CFR 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,

Lillian Yin, Ph.D.
Director, Division of Reproductive,
Abdominal, Ear, Nose and Throat
and Radiological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (If known): K982387

Device Name: Siemens E.CAM Extra High Energy Collimator Option

Nuclear Medicine Device

Indications For Use: To detect or image the distribution of radionuclides in the body or organ, using the following technique(s):

		YES	NO	Energy Range (keV)
A.	Planar Imaging	X		
B.	Whole Body Imaging	X		
C.	Tomographic Imaging (SPECT) for non Positron emitter		X	
D.	Positron imaging by coincidence		X	
E.	Positron imaging with out coincidence	X		Camera range increases to 588 keV

(Please do not write below this line - Continue on another page if needed)

Concurrence of CDRH, Office of Device Evaluation (ODE)

Perscription Use
 (per 21 CFR 801.109)

OR

Over-the counter Use

(Optional Format 1-2-96)

David A. Johnson
 (Division Sign-Off)
 Division of Reproductive, Abdominal, ENT,
 and Radiological Devices
 510(k) Number K982387