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K023409

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BIOMET

Summary of Safety and Effectiveness

Applicant/Sponsor: Biomet Orthopedics, Inc.

Contact Person: Patricia Sandborn Beres
Senior Regulatory Specialist

Proprietary Name: HA X-Series Bi-Metric® Hip Femoral Components

Common Name: Total Hip Replacement

Classification Name: Hip joint metal/polmer/metal semi-constrained, porous-coated, uncemented prosthesis (21 C.F.R. 888.3358)

Legally Marketed Devices To Which Substantial Equivalence Is Claimed:
X-Series Bi-Metric® Hip Femoral Component (K020580)

Device Description: The HA X-Series Bi-Metric® Hip Femoral Components consist of the same design and materials as the predicate devices contained in 510(k) K020580 except that the stems have been further coated with hydroxyapatitie (HA) coating. The HA coating has been added to enhance tissue adherence.

Intended Use: Non-cemented use for skeletally mature patients undergoing primary hip replacement surgery as a result of non-inflammatory degenerative joint disease.

Summary of Technologies: The HA X-Series Bi-Metric® Hip Femoral Components are similar to or identical in materials, design, sizing and processing to the predicate device.

Non-Clinical Testing: Mechanical testing and engineering analysis has justified the modifications to this device.

Clinical Testing: None provided

Bi-Metric is a trademark of Biomet, Inc.

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DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

NOV 8 2002

Ms. Patricia Sandborn Beres
Senior Regulatory Specialist
Biomet, Inc.
P.O. Box 587
Warsaw, Indiana 46581-0587

Re: K023409
Trade/Device Name: HA X-Series Bi-Metric® Femoral Stems
Regulation Number: 21 CFR §888.3358
Regulation Name: Hip joint metal/polymer/metal semi-constrained porous-coated, uncemented prosthesis
Regulatory Class: Class II
Product Code: LPH, MEH
Dated: October 8, 2002
Received: October 10, 2002

Dear Ms. Beres;

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.

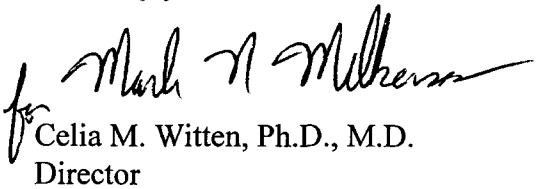
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish 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 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4659. 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 Part 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers, International and Consumer 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,



for Celia M. Witten, Ph.D., M.D.
Director
Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

510(k) Number (if known): K023409

Device Name: HA X-Series Bi-Metric® Femoral Components

Indications For Use:
Non-cemented use for skeletally mature patients undergoing primary hip replacement surgery as a result of non-inflammatory degenerative joint disease.

for Mark N Melkerson

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

510(k) Number K023409

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use ___
(Per 21 CFR 801.109)

OR

Over-The-Counter Use

(Optional Format 1-2-96)