



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

OCT 15 1999

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Mr. John Pappas
Regulatory Affairs
Endotec
20 Valley Street
South Orange, New Jersey 07079

Re: K992394
Trade Name: Buechel-PappasTM Humeral Head Resurfacing Component
Regulatory Class: II
Product Code: HSD
Dated: July 16, 1999
Received: July 19, 1999

Dear Mr. Pappas:

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.

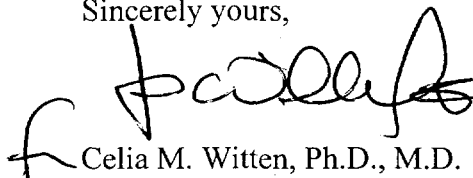
If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the current Good Manufacturing Practice requirement, 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.

Page 2 – Mr. John Pappas

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) 594-4659. 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" (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/dsmamain.html>".

Sincerely yours,

A handwritten signature in black ink, appearing to read 'C. Witten', with a stylized flourish at the end.

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

Enclosure



INDICATIONS FOR USE

510(k) Number (if known): K992394

Device Name: **BUECHEL-PAPPAS™ Humeral Head Resurfacing Component**

Indications For Use:

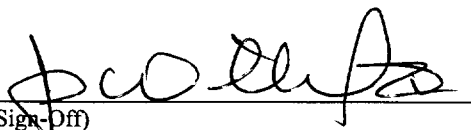
The **BUECHEL-PAPPAS™ Humeral Head Resurfacing Shoulder Component** is intended for the reconstruction of painful and/or severely disabled shoulder joints resulting from osteoarthritis and rheumatoid arthritis. For proper function of this device, the humeral head and neck **must** be of sufficient bone stock to support the loads on it. Also, the presence of an intact or reconstructable rotator cuff is important for proper functioning and dislocation resistance. Biocoat® porous coated components are intended for cemented use only.

Contraindications

The device is contraindicated for use with forms of post-traumatic arthritis, rotator cuff dysfunction, humeral head avascular necrosis, failed, previous prosthesis, or congenital dysplasia.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)



(Division Sign-Off)

Division of General Restorative Devices

510(k) Number K992394

Prescription Use ✓

OR

Over-The-Counter Use _____