

OCT 26 1999

**20.0 510(K)SUMMARY  
K993175**

**Submitted by:** Jeneric/Pentron, Inc.  
53 North Plains Industrial Road  
Wallingford, Connecticut 06492

**Contact Person:** Annmarie Tenero  
(203) 265-7397 X 619

**Revised Summary:** October 20, 1999

**Device Name:** Gold Core 75

Gold Core 75 is a High Noble, Micro-fine, Yellow, Gold based alloy to be used for inlays, onlays, single crowns, bridges, implant superstructures, substrate for medium expansion lower fusing porcelains and indirect restorative composites. Particularly to be used with OPC Low Wear, K982377, which is a low wear porcelain. We believe that Gold Core 75, besides containing no copper, is substantially equivalent to BIO74-PF Crown and Bridge Alloy, K943487, Jeneric/Pentron, Inc., which is currently in commercial distribution in the U.S. A. The chemical composition of Gold Core 75 is as follows:

Au - 75%

Ag - 17%

Pt - 4.5%

Rh - 0.5%

Balance Amounts of: Zn, Ta, In, Ir

**Jeneric/Pentron, Inc.**  
**510K Submission - Gold Core 75**



Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

OCT 26 1999

Ms. Annmarie Tenero  
Jeneric®/Pentron® Incorporated  
53 North Plains Industrial Road  
P.O. Box 724  
Wallingford, CT 06492-0724

Re: K993175  
Trade Name: Gold Core 75  
Regulatory Class: II  
Product Code: EJT  
Dated: September 17, 1999  
Received: September 22, 1999

Dear Ms. Tenero:

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.

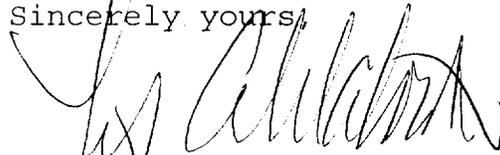
If your device is classified (see above) into either class II (Special Controls) or class III (Pre-market Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Good Manufacturing Practice for Medical Devices: General (GMP) regulation (21 CFR Part 820) and that, through periodic GMP 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 pre-market 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) 594-4692. 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,



Timothy A. Ulatowski  
Director  
Division of Dental, Infection Control  
and General Hospital Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

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DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
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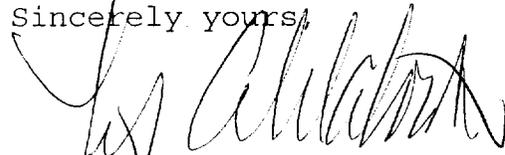
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Enclosure

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510(k) NUMBER (IF KNOWN): K993175

DEVICE NAME: GOLD CORE 75

INDICATIONS FOR USE: Gold Core 75 is a, high noble, yellow alloy, to be used for inlays, onlays, single crown bridges, implant superstructures and substrate for low wear products and other medium expansion lower fusing porcelains and indicret restorative composites. Particularly, OPC Low Wear, K982377, Jeneric/Pentron, which is a low temperature ceramic.

(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 1-2-9)

*Susan Purser*

(Division Sign-Off)  
Division of Dental, Infection Control,  
and General Hospital Devices  
510(k) Number K993175