

OCT 6 1998

K982690

510(k) SUMMARY

- A. Manufacturer: Barco NV/Display Systems  
Theodoor Sevenslaan 106  
8500 Kortrijk  
Belgium
- Submitted By: Ferguson Medical  
Consultant to Barco NV
- B. Contact Information: Phone: +32(0)56 23 32 11  
FAX: +32(0)56 23 3 74
- C. Classification Name: System, digital image  
communication
- Common/usual Name: Consistency software, image  
conformity software, and others.
- Proprietary Name: Barco MediCal Display Conformity and  
Consistency Software
- D. Classification Number: 90LMD
- E. Substantial Equivalence: Barco NV/Display Systems,  
Barco MWD 321 Medical Workstation Display  
(K972701), and Barco NV/Display Systems, Barco MGD  
521 5 MegaPixel Diagnostic Display.
- F. Device Description: The MediCal device is image  
consistency and calibration software package.
- G. Intended Use: The Barco MediCal Display Conformity and  
Consistency Software device is intended to be used  
as a tool in displaying and viewing digital images  
for review by trained medical practitioners.
- H. Technological Characteristics: The Barco MediCal  
Display Conformity and Consistency Software device  
is a software tool for use in providing consistency  
in softcopy images.



OCT 6 1998

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850Barco NV Display Systems  
c/o Frank Ferguson  
Official Correspondent  
Ferguson Medical  
3407 Bay Avenue  
Chico, CA 95973Re: K982690  
Barco Medical Display Conformity and  
Consistency Software  
Dated: May 15, 1998  
Received: August 3, 1998  
Regulatory class: II  
21 CFR 892.2050/Procode: 90 LLZ

Dear Mr. Ferguson:

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/edrh/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): K982690

Device Name: Barco MediCal Display Conformity and Consistency Software

Indications For Use:

The Barco MediCal Display Conformity and Consistency Software device is intended to be used as a tool in displaying and viewing digital images for review and analysis by trained medical practitioners.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

David G. Johnson  
(Division Sign-Off)  
Division of Reproductive, Abdominal, ENT,  
and Radiological Devices  
510(k) Number K982690

Prescription Use              
(Per 21 CFR 801.109)

OR

Over-The-Counter Use              
(Optional Format 1-2-96)