



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

MAY 13 1999

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Mr. R. Douglas Jacob
Director, Regulatory Affairs
Sorenson Medical, Incorporated
1375 West 8040 South
West Jordan, Utah 84088-8320

Re: K991363
Trade Name: 30 Pump, Continuous Low Flow, 200 Pump,
Intermittent with KVO or Continuous
Regulatory Class: II
Product Code: FRN
Dated: April 16, 1999
Received: April 20, 1999

Dear Mr. Jacob:

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.

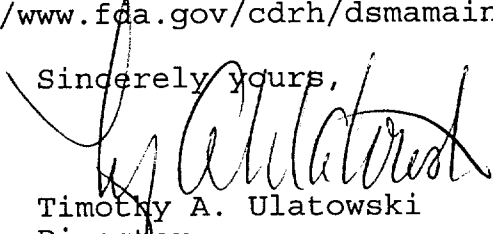
If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially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

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

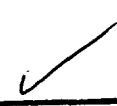
Special 510(k) - MicroJect® Pumps

INDICATIONS FOR USE STATEMENT

510(k) Numbers K941595 MicroJect® Model 200, Model 30 and Model TPN-5
 K965222 MicroJect® Model PCA-1

Indications for All Pumps are for the infusion of fluids and medications into a body. The 30 Pump is for infusion at a continuous low flow rate. The 200 Pump is for intermittent doses with a keep vein open (KVO) rate between doses, as well as continuous or KVO only capabilities. The PCA Pump is for pain management by intravenous and epidural infusion of fluids and medications. The PCEA Pump is marketed for epidural infusion of fluids and medication for pain management; but the PCEA model can also be used for intravenous infusion as well.


(Division Sign-Off)
Division of Dental, Infection Control,
and General Hospital Devices
510(k) Number K991303

Prescription Use 
(Per 21 CFR 801.109)