



APR 21 2004

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Ortho Gnathics LLC
C/O Mr. Kenneth J. Polk
Kenneth J. Polk P.C.
5001 Baum Boulevard Suite 799
Pittsburgh, Pennsylvania 15213-1856

Re: K033092
Trade/Device Name: The Gnathometer
Regulation Number: 872.4760
Regulation Name: Bone Plate
Regulatory Class: II
Product Code: JEY
Dated: February 20, 2004
Received: February 23, 2004

Dear Mr. Polk:

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.

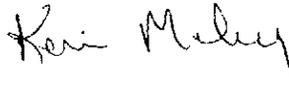
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish 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), please contact the Office of Compliance at (301) 594-4613. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act 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,



Chiu Lin, Ph.D.

Director

Division of Anesthesiology, General Hospital,

Infection Control and Dental Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

K033092

SECTION F. STATEMENT OF INDICATIONS FOR USE

Page ___ of ___

510(k) Number (if known): K033092

Device Name: The Gnathometer

Indications for Use:

The Gnathometer is a jaw tracking apparatus designed to provide maxillofacial surgeons with an accurate means to measure distances relative to a defined three-dimensional reference system of x-y-z coordinates on the patient's head. The Gnathometer is intended for use only by maxillofacial surgeons performing corrective surgical procedures on patients with dentofacial deformities. The Gnathometer's use during surgery is intended to assist in confirming the location and relocation of the patient's teeth and jaws with prescribed, pre-surgically designed relocations that remedy the patients dentofacial deformities. The Gnathometer is intended only to make contact with a patient at four (4) predetermined points on the skull via tightening screws and a halo device, and not to be attached to the jaws.

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

MMU for MSR

(Division Sign-Off)

Division of Anesthesiology, General Hospital,
Infection Control, Dental Devices

510(k) Number: K033092

Prescription Use
(Per 21 FR 801.109)

Over-The-Counter Use

(Optional Format 3-10-98)