NOV 17 2005

VIDACARE

722-A Isom Road
San Antonio, TX 78216
210-375-8500

SUMMARY

Submitter's name:	VidaCare Corporation
Address:	722-A Isom Road San Antonio, TX 78216
Phone:	210-375-8500
Fax number:	210-375-8537
Name of contact person:	Grace Holland Regulatory Specialists, Inc 3722 Ave. Sausalito Irvine, CA 92606 Phone: 949-262-0411 Fax: 949-552-2821
Date the summary was prepared:	August 24, 2005
Name of the device:	EZ-IO
Trade or proprietary name:	EZ-IO
Common or usual name:	Intraosseous Infusion System
Classification name:	Hypodermic single lumen needle

The legally marketed devices to which we are claiming equivalence [807.92(a)(3)]:

VidaPort Intraosseous Infusion System (K032885), manufactured by VidaCare.

Description of the device:

The EZ-IO (which looks similar to a cordless drill) consists of a reusable battery powered driver connected to a single use disposable intraosseous (IO) needle assembly. Upon activation, the drill penetrates through the cortex of the bone to a desired depth within the bone marrow. The driver then separates from the hub of the IO needle assembly, leaving the cannula securely seated in the bone. The trocar/stylet containing the drill bit is then removed. A standard Luer lock (part of the needle assembly) then permits attachment of standard syringes and IV lines for administration of drugs and fluids via the humeral head.

K052408

Indications:

The EZ-IO is for emergency vascular access when standard venous access is not possible. Humeral head IO access is indicated when rapid fluid or pharmacological resuscitation is required and intravenous access is not possible.

Summary of the technological characteristics of our device compared to the predicate device:

The predicate VidaPort Intraosseous Infusion System (K032885), and the Humeral Head EZ-IO were compared in the following areas and found to have similar technological characteristics and to be equivalent.

Indications for use
Target population
Drill Design
Needle Design
Technique
Performance
Sterility
Biocompatibility
Mechanical Safety
Anatomical site
Where used

REGULATORY SPECIALISTS, INC.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

NOV 17 2005

VidaCare Corporation
C/O Ms. Grace Holland
Regulatory Specialist
Regulatory Specialists, Incorporated
3722 Avenue Sausalito
Irvine, California 92606

Re: K052408
Trade/Device Name: EZ-IO Humeral Head
Regulation Number: 880.5570
Regulation Name: Hypodermic Single Lumen Needle
Regulatory Class: II
Product Code: FMI
Dated: August 24, 2005
Received: September 2, 2005

Dear Ms. Holland:

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.

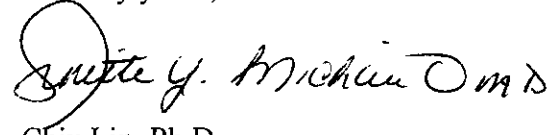
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish 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 (240) 276-0115. 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/industry/support/index.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

K052408

Indications for Use Statement

510(k) Number (if known): K052408

Device Name: Humeral Head EZ-IO

Indications For Use:

The EZ-IO is for emergency vascular access when standard venous access is not possible. Humeral head IO access is indicated when rapid fluid or pharmacological resuscitation is required and intravenous access is not possible.

Prescription Use X OR Over-The-Counter Use
(Part 21 CFR 801 Subpart D) (21 CFR 807 Subpart C)

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

11/17/15 William M. Burdick, Acting D.C. for Anthony Watson

(Division Sign-Off)
Division of Anesthesiology, General Hospital,
Infection Control, Dental Devices

(510(k) Number: K052408