

DEC 1 9 2001

October 23, 2001

## SUMMARY OF SAFETY AND EFFECTIVENESS

In accordance with the requirements of the Safe Medical Device Act of 1990 and 21 CFR 807.92, Linvatec Corporation is hereby submitting the 510(k) Summary of Safety and Effectiveness for the Pre-Loaded UltraFix® RC.

510(k) Number K013553.

### A. Submitter

Linvatec Corporation  
11311 Concept Boulevard  
Largo, Florida 33773-4908

### B. Company Contact

Laura D. Seneff, RAC  
Manager, Regulatory Affairs  
(727) 399-5234 Telephone  
(727) 399-5264 FAX

### C. Device Name

Trade Name: Pre-Loaded UltraFix® RC

Common Name: Suture Anchor

Classification Names: Fastener, Fixation, Nondegradable, soft tissue

Proposed Class/Device: Class II, MBI  
Product Code

**D. Predicate/Legally Marketed Devices**  
UltraFix® RC K963812  
Linvatec

**E. Device Description**

The Pre-Loaded UltraFix® RC is supplied sterile and consists of an UltraFix® RC suture anchor with USP#2 non-absorbable polyester suture with cartridge and needles preloaded onto a single-use disposable inserter. The Pre-Loaded UltraFix® RC is made from 316(L) stainless steel per ASTM F138-92 or ASTM F139-92 and conforms to ISO 5832-1.

**F. Intended Use**

The Pre-Loaded UltraFix® RC is intended to be used for rotator cuff repairs in the shoulder either arthroscopically or in an open technique.

**G. Substantial Equivalence**

The Pre-loaded UltraFix® RC is substantially equivalent in design, technology and intended use to Linvatec's existing UltraFix® RC Suture Anchor System. Performance testing has been conducted to show that the modifications do not raise any new issues regarding safety and effectiveness.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

DEC 1 9 2001

Ms. Laura Seneff  
Regulatory Affairs  
Linvatec  
11311 Concept Boulevard  
Largo, Florida 33773-4908

Re: K013553

Trade/Device Name: Pre-Loaded UltraFix® RC  
Regulation Number: 21 CFR 888.3040  
Regulation Name: Smooth or Threaded Metallic Bone Fixation Fastener  
Regulatory Class: Class II  
Product Code: MBI  
Dated: October 23, 2001  
Received: October 25, 2001

Dear Ms. Seneff:

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.

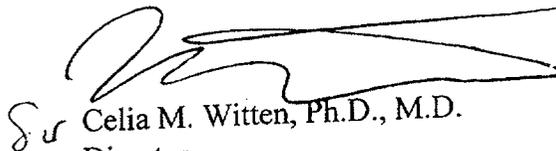
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's 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.

Page 2 – Ms. Laura Seneff

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 and additionally 21 CFR Part 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4659. 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" (21CFR Part 807.97). Other general information on your responsibilities under the Act may be obtained 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,



Celia M. Witten, Ph.D., M.D.

Director

Division of General, Restorative and

Neurological Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

cc: HFZ-401 DMC  
HFZ-404 510(k) Staff  
HFZ-410 DGRND  
D.O.  
D/t: SWFoster:bxw:12/18/01

October 23, 2001

510(k) Number (if known): K013553

Device Name: Pre-Loaded UltraFix® RC

Indications for Use:

The Pre-Loaded UltraFix® RC is intended to be used for rotator cuff repairs in the shoulder either arthroscopically or in an open technique.



(Division Sign-Off)  
Division of General Restorative  
and Neurological Devices

510(k) Number K013553

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Prescription Use  OR Over-the-Counter Use   
(Per 21 CFR 801.109)

(Optional Format 1-2-96)