K081510(pg 1/1)

510(k) Summary
for the Tiger Cannulated Screw System

In accordance with 21 CFR 807.92 of the Federal Code of Regulations
the following 510(k) summary is submitted for the Tiger Cannulated Screw System.

Date Prepared: May 27, 2008

AUG - 4 2008

1. **Submitter:**
Trilliant Surgical Ltd
1630 W.13th St
Houston, TX 77008

Contact Person:
J.D. Webb
The OrthoMedix Group, Inc.
1001 Oakwood Blvd
Round Rock, TX 78681
Telephone: 512-388-0199

2. **Trade name:** Tiger Cannulated Screw System
Common Name: Bone screw
Classification Name: Screw, Fixation, Bone
Class II per 21 CFR section 888.3040
HWC

3. **Predicate or legally marketed devices which are substantially equivalent:**
The Tiger Cannulated Screw System is substantially equivalent to similar previously cleared cannulated screws.

4. **Description of the device:**
The Tiger Cannulated Screw System is comprised of screws used for bone fixation of the hand and foot following trauma or osteotomy. The system features 2.0mm diameter, 2.4mm diameter, 3.0mm diameter and 4.0mm diameter cannulated screws. System instruments include 2.0mm/2.4mm drill bit, countersink, driver, 3.0mm/4.0mm drill bit, countersink, driver, screw driver handle, depth gauge, screw remover and K-wires to facilitate the placement of screws.

Materials:
The screws will be manufactured from titanium alloy (Ti-6Al-4V) per ASTM F136.

Function:
The Tiger Cannulated Screw Fixation System is comprised of screws used for bone fixation of the hand and foot following trauma or osteotomy.

5. **Intended Use:**
The Tiger Cannulated Screw Fixation System implants (screws) are intended for fixation of fractures, non-unions, arthrodeses and osteotomies of the small bones In the hand and foot.

6. **Comparison of the technological characteristics of the device to predicate and legally marketed devices:**
Due to the similarity of materials and design to both pre-enactment and post-enactment devices, Trilliant Surgical believes that the Tiger Cannulated Screw Fixation System does not raise any new safety or effectiveness issues and does not require any nonclinical testing.

DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
9200 Corporate Boulevard
Rockville MD 20850

Trillian Surgical Ltd.
% The OrthoMedix Group, Inc.
Mr. J.D. Webb
1001 Oakwood Boulevard
Round Rock, Texas 78681

AUG - 4 2008

Re: K081510
Trade/Device Name: Tiger Cannulated Screw Fixation System
Regulation Number: 21 CFR 888.3040
Regulation Name: Smooth or threaded metallic bone fixation fastener
Regulatory Class: II
Product Code: HWC
Dated: May 27, 2008
Received: May 29, 2008

Dear Mr. Webb:

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.

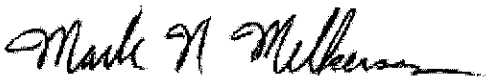
If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish 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 Center for Devices and Radiological Health's (CDRH's) Office of Compliance at (240) 276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding postmarket surveillance, please contact CDRH's Office of Surveillance and Biometric's (OSB's) Division of Postmarket Surveillance at (240) 276-3474. For questions regarding the reporting of device adverse events (Medical Device Reporting (MDR)), please contact the Division of Surveillance Systems at (240) 276-3464. You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at toll-free number (800) 638-2041 or (240) 276-3150 or the Internet address http://www.fda.gov/cdrh/industry/support/index.html.

Sincerely yours,



Mark N. Melkerson
Director
Division of General, Restorative
and Neurological Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

Indications for Use

510(k) Number (if known): K081510 (pg 1/1)

Device Name: Tiger Cannulated Screw Fixation System

Indications for Use:

The Tiger Cannulated Screw Fixation System implants (screws) are intended for fixation of fractures, non-unions, arthrodeses and osteotomies of the small bones In the hand and foot.

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

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

Concurrence of CDRH, Office of Device Evaluation (ODE)

Mark A Millerson

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

510(k) Number K081510