DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration
10903 New Hampshire Avenue
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Silver Spring, MD 20993-0002

August 17, 2016

NEWCLIP TECHNICS
% J.D. Webb
Official Correspondent
The OrthoMedix Group, Incorporated
1001 Oakwood Boulevard
Round Rock, Texas 78681

Re: K152289
Trade/Device Name: Alians Elbow Locking Plating System
Regulation Number: 21 CFR 888.3030
Regulation Name: Single/multiple component metallic bone fixation appliances and accessories
Regulatory Class: Class II
Product Code: HRS, HWC
Dated: July 7, 2016
Received: July 15, 2016

Dear J.D. 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. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to 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 Parts 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803); 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.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Division of Industry and Consumer Education at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Industry and Consumer Education at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm.

Sincerely,

Vincent J. Devlin -S

for
Mark N. Melkerson
Director
Division of Orthopedic Devices
Office of Device Evaluation
Center for Devices and
Radiological Health

Enclosure

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Food and Drug Administration

Indications for Use

Form Approved: OMB No. 0910-0120
Expiration Date: December 31, 2013
See PRA Statement on last page.

510(k) Number *(if known)*

K152289

Device Name

Alians Elbow Locking Plating System

Indications for Use *(Describe)*

The Alians Elbow Locking Plating System is intended for the fixation of fractures and osteotomies of the distal humerus and proximal ulna in adults.

Type of Use *(Select one or both, as applicable)*

☒ Prescription Use (Part 21 CFR 801 Subpart D) ☐ Over-The-Counter Use (21 CFR 801 Subpart C)

PLEASE DO NOT WRITE BELOW THIS LINE – CONTINUE ON A SEPARATE PAGE IF NEEDED.

FOR FDA USE ONLY

Concurrence of Center for Devices and Radiological Health (CDRH) *(Signature)*

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4. 510 (k) summary for the Alians Elbow Locking Plating System

In accordance with 21 CFR 807.92 of the Federal Code of Regulations, the following 510(k) summary is submitted for the Alians Elbow Locking Plating System.

Summary preparation date: August 1, 2016

1. Submitter:

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Contact Person:

J.D. Webb
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1001 Oakwood Blvd
Round Rock, TX 78681
Telephone: 512-388-0199

2. Trade name: Alians Elbow Locking Plating System

Common Name: Fracture fixation plates and screws

Product code: HRS/HWC

Classification Name: Plate, Fixation, Bone
(21 CFR part. 888.3030)
Screw, Fixation, Bone
(21 CFR part. 888.3040)

3. Primary predicate or legally marketed devices which are substantially equivalent:

- The Synthes Variable Angle LCP Elbow System (medial and posterolateral distal humerus plates) of Synthes (K120070 and K120717)

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Secondary predicate or legally marketed devices which are substantially equivalent:

- The Synthes Small Fragment Dynamic Compression Locking (DCL) System (K000684)
- The Synthes One Third DCL Plate (same as DePuy) (K011335)
- The Epi-union Plating System of Stryker (K974289)
- The TC-100 Screw & Plating System (K993106)
- The Activ Ankle Locking Plating system of Newclip Technics (K143061)

4. Description of the device:

The Alians Elbow Locking Plating system consists of plates and screws, designed for the fixation of fractures and osteotomies of the distal humerus and proximal ulna in adults.
The plates and screws are manufactured from titanium alloy and are color anodized.

The Alians Elbow Locking Plating system will be provided non-sterile for sterilization by health care professionals prior to use. A sterile version of the Alians Elbow Locking Plating System is provided in single use sterile kits, called Initial O kits, including one plate, screws and single use instrumentation necessary for the implantation.

Materials: Titanium alloy Ti-6Al-4V ELI (conform to ASTM F 136 and/or ISO 5832-3).

Function: The implants of the Alians Elbow Locking Plating System are intended for the fixation of fractures and osteotomies of the distal humerus and the proximal ulna in adults.

5. Substantial equivalence claimed to predicate devices:

The Alians Elbow Locking Plating System is substantially equivalent to the predicate devices in terms of intended use, design, materials used, mechanical safety, and performances.

6. Intended use:

The Alians Elbow Locking Plating System is intended for the fixation of fractures and osteotomies of the distal humerus and proximal ulna in adults.

7. Non-clinical Test Summary:

The following tests were conducted:

- Comparative dynamic bending tests
- Comparative static bending tests
- Torsional tests
- Engineering analyses

8. Clinical Test Summary:

No clinical studies were performed.

9. Conclusions Non-clinical and Clinical:

Newclip considers the Alians Elbow Locking Plating System to be equivalent to the predicate devices listed above. This conclusion is based upon the device's similarities in principles of operation, technology, materials, and indications for use.