



Food and Drug Administration
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November 2, 2016

DePuy Orthopaedics, Incorporated
Ms. Dawn Sinclair
Regulatory Affairs Associate
700 Orthopaedic Drive
Warsaw, Indiana 46582

Re: K091751

Trade/Device Name: DePuy Delta Xtend™ Reverse Shoulder System
Regulation Number: 21 CFR 888.3660
Regulation Name: Shoulder joint metal/polymer semi-constrained cemented prosthesis
Regulatory Class: Class II
Product Code: PHX, KWS, HSD
Dated: June 12, 2009
Received: June 16, 2009

Dear Ms. Sinclair:

This letter corrects our substantially equivalent letter of July 14, 2009.

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 Part 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 yours,

Lori A. Wiggins -S

for

Mark N. Melkerson

Director

Division of Orthopedic Devices

Office of Device Evaluation

Center for Devices and

Radiological Health

Enclosure

K091751

JUL 14 2009

510 (k) Summary

(As required by 21 CFR § 807.92 and 21 CFR § 807.93)

NAME OF SPONSOR: DePuy Orthopaedics, Inc.
700 Orthopaedic Drive
Warsaw, Indiana 46582
Establishment Registration Number: 1818910

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DATE PREPARED: May 18, 2009

PROPRIETARY NAME: DePuy Delta Xtend™ Reverse Shoulder XLK Cup

COMMON NAME: Shoulder Prosthesis, Polyethylene Cup

CLASSIFICATION: Class II per 21 CFR § 888.3660, Prosthesis, Shoulder, Semi-Constrained, Metal/Polymer, Cemented

DEVICE PRODUCT CODE: 87 KWS: Shoulder joint metal/polymer semi-constrained cemented prosthesis.
87 HSD: Shoulder joint humeral (hemi-shoulder) metallic uncemented prosthesis.

SUBSTANTIALLY EQUIVALENT DEVICE(S): DePuy Delta Xtend Reverse Shoulder High Mobility Cup, K073676
DePuy Delta Xtend Reverse Shoulder System, K071379

DEVICE DESCRIPTION:

The Delta Xtend Reverse Shoulder System is a modular shoulder prosthesis designed for use in patients with non-functional rotator cuffs.

INDICATIONS AND INTENDED USE:**Indications:**

The Delta Xtend Reverse Shoulder prosthesis is indicated for use in a grossly deficient rotator cuff joint with severe arthropathy or a previous failed joint replacement with a grossly deficient rotator cuff joint.

The patient's joint must be anatomically and structurally suited to receive the selected implant(s), and a functional deltoid muscle is necessary to use the device.

In cases of bone defects in the proximal humerus, the monobloc implant should be used and then only in cases where the residual bone permits firm fixation of this implant.

Delta Xtend hemi-shoulder replacement is also indicated for hemi-arthroplasty if the glenoid is fractured intraoperatively or for revision of a previously failed Delta Xtend Reverse Shoulder.

The metaglene component is HA coated and is intended for cementless use with the addition of screws for fixation.

The modular humeral stem and epiphysis components are HA coated and intended for cementless use.

All other components are for cemented use only.

Intended Use:

The Delta Xtend Reverse Shoulder prosthesis is intended for use in total or hemi-shoulder arthroplasty procedures in patients with non-functional rotator cuffs, with or without bone cement. HA components are for cementless use only.

BASIS OF SUBSTANTIAL EQUIVALENCE:

Based on the similarities in intended use, indications for use, materials, design, method of manufacture, sterilization and packaging methods, DePuy believes the subject Delta Xtend Reverse Shoulder XLK Cup is substantially equivalent to the previously cleared Delta Xtend Reverse Shoulder High Mobility Cup, K073676 and the Delta Xtend Reverse Shoulder System, K071379. The subject device does not raise any new issues of safety or effectiveness.