

TABLE 1—CONDITIONING TOOL FOR EATING DISORDERS RISKS AND MITIGATION MEASURES

Identified risks	Mitigation measures
Ineffective treatment leading to worsening condition of the patient, progression of disease, and/or delay of alternative treatments.	Nonclinical performance testing; Software validation, verification and hazard analysis; and Labeling.
Adverse tissue reaction	Biocompatibility evaluation.
Electrical shock or burns	Electrical safety testing, Electromagnetic compatibility (EMC) testing, and Labeling.

FDA has determined that special controls, in combination with the general controls, address these risks to health and provide reasonable assurance of safety and effectiveness. In order for a device to fall within this classification, and thus avoid automatic classification in class III, it would have to comply with the special controls named in this final order. The necessary special controls appear in the regulation codified by this order. This device is subject to premarket notification requirements under section 510(k).

At the time of classification, conditioning tools for eating disorders are for prescription use only. Prescription devices are exempt from the requirement for adequate directions for use for the layperson under section 502(f)(1) of the FD&C Act and 21 CFR 801.5, as long as the conditions of 21 CFR 801.109 are met (referring to 21 U.S.C. 352(f)(1)).

III. Analysis of Environmental Impact

The Agency has determined under 21 CFR 25.34(b) that this action is of a type that does not individually or cumulatively have a significant effect on the human environment. Therefore, neither an environmental assessment nor an environmental impact statement is required.

IV. Paperwork Reduction Act of 1995

This final order establishes special controls that refer to previously approved collections of information found in other FDA regulations and guidance. These collections of information are subject to review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501–3520). The collections of information in the guidance document “De Novo Classification Process (Evaluation of Automatic Class III Designation)” have been approved under OMB control number 0910–0844; the collections of information in part 814, subparts A through E, regarding premarket approval, have been approved under OMB control number 0910–0231; the collections of information in part 807, subpart E, regarding premarket notification submissions, have been

approved under OMB control number 0910–0120; and the collections of information in part 801, regarding labeling, have been approved under OMB control number 0910–0485.

List of Subjects in 21 CFR Part 882

Medical devices.

Therefore, under the Federal Food, Drug, and Cosmetic Act and under authority delegated to the Commissioner of Food and Drugs, 21 CFR part 882 is amended as follows:

PART 882—NEUROLOGICAL DEVICES

■ 1. The authority citation for part 882 continues to read as follows:

Authority: 21 U.S.C. 351, 360, 360c, 360e, 360j, 360l, 371.

■ 2. Add § 882.5060 to subpart F to read as follows:

§ 882.5060 Conditioning tool for eating disorders.

(a) *Identification.* A conditioning tool for eating disorders is a prescription device that non-invasively measures the mass of food eaten during a meal and provides feedback in the form of eating rate, patient satiety, and eating pattern information to the patient.

(b) *Classification.* Class II (special controls). The special controls for this device are:

- (1) Nonclinical performance testing must demonstrate:
 - (i) Device measurement accuracy and repeatability; and
 - (ii) Device feedback accuracy.
- (2) Software verification, validation, and hazard analysis must be performed.
- (3) The patient-contacting components of the device must be demonstrated to be biocompatible.
- (4) Performance testing must demonstrate the electromagnetic compatibility (EMC) and electrical safety of the device.

(5) Labeling and patient labeling must be provided which includes the following:

- (i) Information identifying and explaining how to use the device and its components; and
- (ii) Information on how the device operates and the typical course of treatment.

Dated: November 26, 2021.

Lauren K. Roth,

Associate Commissioner for Policy.

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DEPARTMENT OF HEALTH AND HUMAN SERVICES

Food and Drug Administration

21 CFR Part 888

[Docket No. FDA–2021–N–0648]

Medical Devices; Orthopedic Devices; Classification of the Intraoperative Orthopedic Strain Sensor

AGENCY: Food and Drug Administration, Department of Health and Human Services (HHS).

ACTION: Final amendment; final order.

SUMMARY: The Food and Drug Administration (FDA or we) is classifying the intraoperative orthopedic strain sensor into class II (special controls). The special controls that apply to the device type are identified in this order and will be part of the codified language for the intraoperative orthopedic strain sensor’s classification. We are taking this action because we have determined that classifying the device into class II (special controls) will provide a reasonable assurance of safety and effectiveness of the device. We believe this action will also enhance patients’ access to beneficial innovative devices.

DATES: This order is effective December 2, 2021. The classification was applicable on March 28, 2019.

FOR FURTHER INFORMATION CONTACT: Colin O’Neill, Center for Devices and Radiological Health, Food and Drug Administration, 10903 New Hampshire Ave., Bldg. 66, Rm. 4458, Silver Spring, MD 20993–0002, 301–796–6428, Colin.ONeill@fda.hhs.gov.

SUPPLEMENTARY INFORMATION:

I. Background

Upon request, FDA has classified the intraoperative orthopedic strain sensor as class II (special controls), which we have determined will provide a

reasonable assurance of safety and effectiveness. In addition, we believe this action will enhance patients' access to beneficial innovation, by placing the device into a lower device class than the automatic class III assignment.

The automatic assignment of class III occurs by operation of law and without any action by FDA, regardless of the level of risk posed by the new device. Any device that was not in commercial distribution before May 28, 1976, is automatically classified as, and remains within, class III and requires premarket approval unless and until FDA takes an action to classify or reclassify the device (see 21 U.S.C. 360c(f)(1)). We refer to these devices as "postamendments devices" because they were not in commercial distribution prior to the date of enactment of the Medical Device Amendments of 1976, which amended the Federal Food, Drug, and Cosmetic Act (FD&C Act).

FDA may take a variety of actions in appropriate circumstances to classify or reclassify a device into class I or II. We may issue an order finding a new device to be substantially equivalent under section 513(i) of the FD&C Act (21 U.S.C. 360c(i)) to a predicate device that does not require premarket approval. We determine whether a new device is substantially equivalent to a predicate device by means of the procedures for premarket notification under section 510(k) of the FD&C Act (21 U.S.C. 360(k)) and part 807 (21 CFR part 807).

FDA may also classify a device through "De Novo" classification, a common name for the process authorized under section 513(f)(2) of the FD&C Act. Section 207 of the Food and Drug Administration Modernization Act of 1997 established the first procedure for De Novo classification (Pub. L. 105–115). Section 607 of the Food and Drug Administration Safety and Innovation Act modified the De Novo application

process by adding a second procedure (Pub. L. 112–144). A device sponsor may utilize either procedure for De Novo classification.

Under the first procedure, the person submits a 510(k) for a device that has not previously been classified. After receiving an order from FDA classifying the device into class III under section 513(f)(1) of the FD&C Act, the person then requests a classification under section 513(f)(2).

Under the second procedure, rather than first submitting a 510(k) and then a request for classification, if the person determines that there is no legally marketed device upon which to base a determination of substantial equivalence, that person requests a classification under section 513(f)(2) of the FD&C Act.

Under either procedure for De Novo classification, FDA is required to classify the device by written order within 120 days. The classification will be according to the criteria under section 513(a)(1) of the FD&C Act. Although the device was automatically placed within class III, the De Novo classification is considered to be the initial classification of the device.

When FDA classifies a device into class I or II via the De Novo process, the device can serve as a predicate for future devices of that type, including for 510(k)s (see 21 U.S.C. 360c(f)(2)(B)(i)). As a result, other device sponsors do not have to submit a De Novo request or premarket approval application to market a substantially equivalent device (see 21 U.S.C. 360c(i), defining "substantial equivalence"). Instead, sponsors can use the less-burdensome 510(k) process, when necessary, to market their device.

II. De Novo Classification

On July 19, 2018, Intellirod Spine, Inc. submitted a request for De Novo

classification of the LOADPRO™ Intraoperative Rod Strain Sensor. FDA reviewed the request in order to classify the device under the criteria for classification set forth in section 513(a)(1) of the FD&C Act.

We classify devices into class II if general controls by themselves are insufficient to provide reasonable assurance of safety and effectiveness, but there is sufficient information to establish special controls that, in combination with the general controls, provide reasonable assurance of the safety and effectiveness of the device for its intended use (see 21 U.S.C. 360c(a)(1)(B)). After review of the information submitted in the request, we determined that the device can be classified into class II with the establishment of special controls. FDA has determined that these special controls, in addition to the general controls, will provide reasonable assurance of the safety and effectiveness of the device.

Therefore, on March 28, 2019, FDA issued an order to the requester classifying the device into class II. In this final order, FDA is codifying the classification of the device by adding 21 CFR 888.3090.¹ We have named the generic type of device intraoperative orthopedic strain sensor, and it is identified as an adjunct tool intended to measure strain on an orthopedic implant in the intraoperative setting only. The device is not intended to provide diagnostic information or influence clinical decision making.

FDA has identified the following risks to health associated specifically with this type of device and the measures required to mitigate these risks in table 1.

TABLE 1—INTRAOPERATIVE ORTHOPEDIC STRAIN SENSOR RISKS AND MITIGATION MEASURES

Identified risks	Mitigation measures
Prolonged operative time due to device error or use error.	Usability testing; Non-clinical performance testing; Software verification, validation, and hazard analysis; and Labeling.
Electrical shock or device failure due to interference from other devices.	Electromagnetic compatibility testing, and Electrical safety testing.
Infection	Sterilization validation, Reprocessing validation, Shelf life testing, and Labeling.
Adverse tissue reaction	Biocompatibility evaluation.

FDA has determined that special controls, in combination with the general controls, address these risks to

health and provide reasonable assurance of safety and effectiveness. For a device to fall within this classification, and

thus avoid automatic classification in class III, it would have to comply with the special controls named in this final

¹ FDA notes that the "ACTION" caption for this final order is styled as "Final amendment; final order," rather than "Final order." Beginning in December 2019, this editorial change was made to

indicate that the document "amends" the Code of Federal Regulations. The change was made in accordance with the Office of Federal Register's (OFR) interpretations of the Federal Register Act (44

U.S.C. chapter 15), its implementing regulations (1 CFR 5.9 and parts 21 and 22), and the Document Drafting Handbook.

order. The necessary special controls appear in the regulation codified by this order. This device is subject to premarket notification requirements under section 510(k) of the FD&C Act.

III. Analysis of Environmental Impact

The Agency has determined under 21 CFR 25.34(b) that this action is of a type that does not individually or cumulatively have a significant effect on the human environment. Therefore, neither an environmental assessment nor an environmental impact statement is required.

IV. Paperwork Reduction Act of 1995

This final order establishes special controls that refer to previously approved collections of information found in other FDA regulations and guidance. These collections of information are subject to review by the Office of Management and Budget (OMB) under the Paperwork Reduction Act of 1995 (44 U.S.C. 3501–3521). The collections of information in the guidance document “De Novo Classification Process (Evaluation of Automatic Class III Designation)” have been approved under OMB control number 0910–0844; the collections of information in 21 CFR part 814, subparts A through E, regarding premarket approval, have been approved under OMB control number 0910–0231; the collections of information in part 807, subpart E, regarding premarket notification submissions, have been approved under OMB control number 0910–0120; the collections of information in 21 CFR part 820, regarding quality system regulation, have been approved under OMB control number 0910–0073; and the collections of information in 21 CFR part 801, regarding labeling, have been approved under OMB control number 0910–0485.

List of Subjects in 21 CFR Part 888

Medical devices.

Therefore, under the Federal Food, Drug, and Cosmetic Act, and under authority delegated to the Commissioner of Food and Drugs, 21 CFR part 888 is amended as follows:

PART 888—ORTHOPEDIC DEVICES

■ 1. The authority citation for part 888 continues to read as follows:

Authority: 21 U.S.C. 351, 360, 360c, 360e, 360j, 360l, 371.

■ 2. Add § 888.3090 to subpart D to read as follows:

§ 888.3090 Intraoperative orthopedic strain sensor.

(a) *Identification.* A strain sensor device is an adjunct tool intended to measure strain on an orthopedic implant in the intraoperative setting only. The device is not intended to provide diagnostic information or influence clinical decision making.

(b) *Classification.* Class II (special controls). The special controls for this device are:

(1) Non-clinical performance testing must demonstrate that the device performs as intended under anticipated conditions of use. The following performance testing must be conducted:

(i) Mechanical testing to evaluate the effect of the device on the mechanical performance of the implant and to characterize the mechanical limits of the components used with the implant; and

(ii) Accuracy and repeatability testing of strain measurements.

(2) Usability testing must evaluate the effect of the device on the performance of the surgical procedure.

(3) The patient-contacting components of the device must be demonstrated to be biocompatible.

(4) Performance testing must support the sterility and shelf life of the patient-contacting components of the device.

(5) Software verification, validation, and hazard analysis must be performed.

(6) Performance data must validate the reprocessing instructions for reusable components of the device.

(7) Performance data must be provided to demonstrate the electromagnetic compatibility (EMC) and electrical safety of the device.

(8) Labeling must include the following:

(i) A shelf life;

(ii) Instructions for use;

(iii) Reprocessing instructions for any reusable components; and

(iv) A statement that the device is not intended to provide diagnostic information or influence clinical decision making.

Dated: November 29, 2021.

Lauren K. Roth,

Associate Commissioner for Policy.

[FR Doc. 2021–26183 Filed 12–1–21; 8:45 am]

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DEPARTMENT OF HOMELAND SECURITY

Coast Guard

33 CFR Part 100

[Docket No. USCG–2021–0879]

Special Local Regulations; Charleston Parade of Boats, Charleston, SC

AGENCY: Coast Guard, DHS.

ACTION: Notification of enforcement of regulation.

SUMMARY: The Coast Guard will enforce the special local regulation for the Charleston Parade of Boats on December 11, 2021. This action is necessary to ensure safety of life on navigable waters of the United States during the Charleston Parade of Boats. During the enforcement period, no person or vessel may enter, transit through, anchor in, or remain within the designated area unless authorized by the Captain of the Port Charleston (COTP) or a designated representative.

DATES: The regulations in 33 CFR 100.704, Table 1 to § 100.704, Item No. 10, will be enforced from 4:00 p.m. until 8:30 p.m. on December 11, 2021.

FOR FURTHER INFORMATION CONTACT: If you have questions about this notice of enforcement, call or email LCDR Chad Ray, Sector Charleston Office of Waterways Management, Coast Guard; telephone (843) 740–3184, email Chad.L.Ray@uscg.mil.

SUPPLEMENTARY INFORMATION: The Coast Guard will enforce the special local regulation in 33 CFR 100.704, Item No. 10, for the Charleston Parade of Boats from 4:00 p.m. through 8:30 p.m. on December 11, 2021. This action is being taken to provide for the safety of life on navigable waterways during this event. Our regulation for marine events within the Seventh Coast Guard District § 100.704, Item No. 10, specifies the location of the regulated area for the Charleston Parade of Boats, which encompasses a portion of the waterways during the parade transit from Charleston Harbor Anchorage A through Shutes Folly, Bennis Reach, Horse Reach, Hog Island Reach, Town Creek Lower Reach, Ashley River, and finishing at City Marina. During the enforcement period, if you are the operator of a vessel in the regulated area you must comply with directions from the Patrol Commander or any Official Patrol displaying a Coast Guard ensign.

In addition to this notice of enforcement in the **Federal Register**, the Coast Guard plans to provide notification of this enforcement period