



August 29, 2025

K&J Consulting
% Jeena Mathai
President
Eerkie Corporation
7 Desrosiers Landing
South Grafton, Massachusetts 01560

Re: K250335

Trade/Device Name: IVA & AEON Cervical and Lumbar Cage System
Regulation Number: 21 CFR 888.3080
Regulation Name: Intervertebral Body Fusion Device
Regulatory Class: Class II
Product Code: ODP, OVE, MAX, OVD
Dated: August 1, 2025
Received: August 1, 2025

Dear Jeena Mathai:

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 (the 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. Although this letter refers to your product as a device, please be aware that some cleared products may instead be combination products. The 510(k) Premarket Notification Database available at <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm> identifies combination product submissions. 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.

Additional information about changes that may require a new premarket notification are provided in the FDA guidance documents entitled "Deciding When to Submit a 510(k) for a Change to an Existing Device"

(<https://www.fda.gov/media/99812/download>) and "Deciding When to Submit a 510(k) for a Software Change to an Existing Device" (<https://www.fda.gov/media/99785/download>).

Your device is also subject to, among other requirements, the Quality System (QS) regulation (21 CFR Part 820), which includes, but is not limited to, 21 CFR 820.30, Design controls; 21 CFR 820.90, Nonconforming product; and 21 CFR 820.100, Corrective and preventive action. Please note that regardless of whether a change requires premarket review, the QS regulation requires device manufacturers to review and approve changes to device design and production (21 CFR 820.30 and 21 CFR 820.70) and document changes and approvals in the device master record (21 CFR 820.181).

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 Part 803) for devices or postmarketing safety reporting (21 CFR Part 4, Subpart B) for combination products (see <https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products>); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820) for devices or current good manufacturing practices (21 CFR Part 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR Parts 1000-1050.

All medical devices, including Class I and unclassified devices and combination product device constituent parts are required to be in compliance with the final Unique Device Identification System rule ("UDI Rule"). The UDI Rule requires, among other things, that a device bear a unique device identifier (UDI) on its label and package (21 CFR 801.20(a)) unless an exception or alternative applies (21 CFR 801.20(b)) and that the dates on the device label be formatted in accordance with 21 CFR 801.18. The UDI Rule (21 CFR 830.300(a) and 830.320(b)) also requires that certain information be submitted to the Global Unique Device Identification Database (GUDID) (21 CFR Part 830 Subpart E). For additional information on these requirements, please see the UDI System webpage at <https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/unique-device-identification-system-udi-system>.

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to <https://www.fda.gov/medical-devices/medical-device-safety/medical-device-reporting-mdr-how-report-medical-device-problems>.

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (<https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance>) and CDRH Learn (<https://www.fda.gov/training-and-continuing-education/cdrh-learn>). Additionally, you may contact the Division of Industry and Consumer Education (DICE) to ask a question about a specific regulatory topic. See the DICE website (<https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice>) for more information or contact DICE by email (DICE@fda.hhs.gov) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,


**EILEEN
CADEL-S** for

Brent Showalter, Ph.D.

Assistant Director

DHT6B: Division of Spinal Devices

OHT6: Office of Orthopedic Devices

Office of Product Evaluation and Quality

Center for Devices and Radiological Health

Enclosure

Indications for Use

510(k) Number (if known)
K250335

Device Name
IVA & AEON Cervical and Lumbar Cage System

Indications for Use (Describe)

IVA-C (ACIF):

The IVA-C Cage System is indicated for intervertebral body fusion in skeletally mature patients with degenerative disc disease (DDD) of the cervical spine with accompanying radicular symptoms at one or two contiguous levels from C2-T1. DDD is defined as discogenic pain with degeneration of the disc confirmed by history and radiographic studies. The device is designed for use with supplemental fixation and with autograft to facilitate fusion. Patients should have at least six (6) weeks of non-operative treatment prior to treatment with an intervertebral cage.

AEON-C (ACIF):

The AEON-C Cage System is a stand-alone anterior cervical intervertebral fusion device indicated for use in skeletally mature patients with degenerative disc disease (DDD) with accompanying radicular symptoms at one or two contiguous levels from C2-T1. DDD is defined as discogenic pain with degeneration of the disc confirmed by history and radiographic studies. The AEON-C Cage System should be packed with autograft and/or allograft comprised of cancellous, cortical and/or corticocancellous bone graft and implanted with an anterior approach. Patients should receive at least six (6) weeks of non-operative treatment prior to treatment with a cervical intervertebral fusion device. If the device is being used without the provided screws, supplemental fixation must be used.

IVA-L (ALIF, PLIF, DLIF, TLIF) & AEON-L (ALIF):

The IVA-L Cage System and AEON-L Cage System are indicated for intervertebral body fusion of the lumbar spine, from L2 to S1, in skeletally mature patients who have had six months of non-operative treatment. The device is intended for use at one level or two continuous levels for the treatment of degenerative disc disease (DDD) with up to Grade 1 spondylolisthesis. DDD is defined as back pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies. The AEON-L Cage System is designed for use with or without the bone screws, depending on the surgeon's discretion. The device system is designed for use with supplemental fixation and with autograft to facilitate fusion.

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)

CONTINUE ON A SEPARATE PAGE IF NEEDED.

This section applies only to requirements of the Paperwork Reduction Act of 1995.

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510(k) Summary

In accordance with 21 CFR §807.92 and the Safe Medical Devices Act of 1990, the following information is provided for the IVA & AEON Cervical and Lumbar Cage System 510(k) premarket notification.

Sponsor: K&J Consulting
2260 Glenview Dr.,
Lansdale, PA 19446,
USA

Contact Person: Jeena Mathai
Eerkie Corporation
President
Email: mgsharemg@gmail.com
Phone: 760-521-5870

Date: August 26, 2025

Subject Device: Trade Name: IVA & AEON Cervical and Lumbar Cage System
Common Name: Intervertebral Body Fusion Devices
Classification Name:
ODP – Intervertebral fusion device with bone graft, cervical (21 CFR 888.3080)
OVE – Intervertebral fusion device with integrated fixation, cervical (21 CFR 888.3080)
MAX – Intervertebral fusion device with bone graft, lumbar (21 CFR 888.3080)
OVD – Intervertebral fusion device with integrated fixation, lumbar (21 CFR 888.3080)

Predicate Device(s):

IVA & AEON Cervical Spacers

Primary Predicate:	K212038	IVA-C Cage (ACIF)	K&J Consulting
Additional Predicate:	K232877	AEON-C Cage (ACIF)	K&J Consulting
Additional Predicate:	K191243	HEDRON Cervical Spacers	Globus Medical
Additional Predicate:	K172446	SPIRA-C Open Matrix Cervical Interbody	Camber Spine Technologies

IVA & AEON Lumbar Spacers

Primary Predicate:	K212038	IVA-L Cage	K&J Consulting
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Additional Predicate:	K191391	HEDRON Lumbar Spacers	Globus Medical
Additional Predicate:	K210595	SPIRA-T Oblique Posterior Lumbar Spacers, SPIRA-P Posterior Lumbar Spacers	Camber Spine Technologies

Purpose and Device Description:

The purpose of this submission is to request clearance for the new IVA & AEON Cervical and Lumbar Cage System. The IVA & AEON Cervical and Lumbar Cage System are cervical and lumbar intervertebral fusion cages that are implanted in the disc space between the intervertebral bodies to obtain fusion and mechanical stability. The cages are manufactured via Selective Laser Melting (SLM) 3D printing technology using a medical grade metal powder and/or by machining (CNC method). The cages are manufactured from titanium alloy powder per ASTM F3001 or titanium alloy per ASTM F136 or PEEK per ASTM F2026. The screws are manufactured from titanium alloy per ASTM F136. They are provided non-sterile to the end user. The patient contacting portion of all instruments is made from Stainless Steel per ASTM F899 and all instruments are provided non-sterile and intended to be sterilized by the end user prior to use.

Intended Use and Indications for Use:

IVA-C (ACIF):

The IVA-C Cage System is indicated for intervertebral body fusion in skeletally mature patients with degenerative disc disease (DDD) of the cervical spine with accompanying radicular symptoms at one or two contiguous levels from C2-T1. DDD is defined as discogenic pain with degeneration of the disc confirmed by history and radiographic studies. The device is designed for use with supplemental fixation and with autograft to facilitate fusion. Patients should have at least six (6) weeks of non-operative treatment prior to treatment with an intervertebral cage.

AEON-C (ACIF):

The AEON-C Cage System is a stand-alone anterior cervical intervertebral fusion device indicated for use in skeletally mature patients with degenerative disc disease (DDD) with accompanying radicular symptoms at one or two contiguous levels from C2-T1. DDD is defined as discogenic pain with degeneration of the disc confirmed by history and radiographic studies. The AEON-C Cage System should be packed with autograft and/or allograft comprised of cancellous, cortical and/or corticocancellous bone graft and implanted with an anterior approach. Patients should receive at least six (6) weeks of non-operative treatment prior to treatment with a cervical intervertebral fusion device. If the device is being used without the provided screws, supplemental fixation must be used.

IVA-L (ALIF, PLIF, DLIF, TLIF) & AEON-L (ALIF):

The IVA-L Cage System and AEON-L Cage System are indicated for intervertebral body fusion of the lumbar spine, from L2 to S1, in skeletally mature patients who have had six months of non-operative treatment. The device is intended for use at one level or two continuous levels for the treatment of degenerative disc disease (DDD) with up to Grade 1 spondylolisthesis. DDD is defined as back pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies. The AEON-L Cage System is designed for use with or without the bone screws, depending on the surgeon's discretion. The device system is designed for use with supplemental fixation and with autograft to facilitate fusion.

Summary of Technological Characteristics:

The rationale for substantial equivalence is based on consideration of the following characteristics:

- **Intended Use:** The intended use is similar to the intended use of the predicate devices.
- **Indications for Use:** The indications for use are similar to the indications for use of predicate devices.
- **Materials:** The IVA & AEON Cervical and Lumbar Cage System implants are manufactured from titanium alloy powder per ASTM F3001 or titanium alloy per ASTM F136 or PEEK per ASTM F2026 and instruments are manufactured from Stainless Steel per ASTM F899 which are commonly used materials in orthopedic implants and instruments and similar to materials used in the identified predicate devices.

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- **Design Features:** The design features for the IVA & AEON Cervical and Lumbar Cage System implants and instruments are identical to those in currently marketed predicate devices.
- **Sterilization:** The IVA & AEON Cervical and Lumbar Cage System implants and instruments are offered to the user in non-sterile configurations. The non-sterile implants and instruments will be required to be steam sterilized by the user prior to use, similar to the devices cleared in the identified predicate devices.

Summary of Performance Data (Nonclinical and/or Clinical):

- **Non-Clinical Tests:**
 - Static Compression Bending (per ASTM F2077)
 - Dynamic Compression Bending (per ASTM F2077)
 - Static Compression Shear Bending (per ASTM F2077)
 - Dynamic Compression Shear Bending (per ASTM F2077)
 - Static Torsion (per ASTM F2077)
 - Dynamic Torsion (per ASTM F2077)
 - Subsidence (per ASTM F2267)
- **Clinical Tests:**
 - N/A

Substantial Equivalence

The IVA & AEON Cervical and Lumbar Cage System have been shown to be substantially equivalent to the predicate device. Results of the non-clinical tests indicate that the device will perform within the intended uses and no new issues of safety and effectiveness have been raised.