

September 11, 2023

Jarmon Medical, LLC (DBA Legends Orthopedics) % W. Victoria Rogers
Regulatory Affairs Consultant
Rogers Consulting
11110 Arranmore Cove
Roanoke, Indiana 46783

Re: K230517

Trade/Device Name: Legends Orthopedics Suture Anchors (Legends Orthopedics 5.5 mm Suture

Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends Orthopedics

5.5 mm Knotless Suture Anchor)

Regulation Number: 21 CFR 888.3040

Regulation Name: Smooth Or Threaded Metallic Bone Fixation Fastener

Regulatory Class: Class II

Product Code: MBI Dated: July 24, 2023 Received: July 24, 2023

#### Dear W. Victoria Rogers:

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. 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 located at <a href="https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm">https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm</a> 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 <u>Federal Register</u>.

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) for devices or postmarketing safety reporting (21 CFR 4, Subpart B) for combination products (see <a href="https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products">https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products</a>); 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 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

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

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (<a href="https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance">https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance</a>) and CDRH Learn (<a href="https://www.fda.gov/training-and-continuing-education/cdrh-learn">https://www.fda.gov/training-and-continuing-education/cdrh-learn</a>). 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 (<a href="https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice">https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice">https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice</a>) for more information or contact DICE by email (DICE@fda.hhs.gov) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,

# Sara S. Thompson -S

For

Jesse Muir, Ph.D.
Assistant Director
DHT6C: Division of Restorative, Repair
and Trauma Devices
OHT6: Office of Orthopedic Devices
Office of Product Evaluation and Quality
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: 06/30/2023 See PRA Statement below.

510(k) Number *(if known)* K230517

**Device Name** 

Legends Orthopedics Suture Anchors

(Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor,

and Legends Orthopedics 5.5 mm Knotless Suture Anchor)

Indications for Use (Describe)

The Legends Orthopedics 5.5 mm Suture Anchors is indicated for soft tissue reattachment procedures in the shoulder, elbow, wrist/hand, foot/ankle, and knee.

Specific indications are as follows:

Shoulder: Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromioclavicular separation, deltoid repair, biceps tenodesis.

Wrist/Hand: Ulnar/Radial collateral ligament reconstruction, scapholunate ligament reconstruction.

Foot/Ankle: Achilles tendon repair/reconstruction, hallax valgus reconstruction, lateral stabilization, medial stabilization, mid- and forefoot reconstructions.

Elbow: Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction, lateral epicondylitis repair.

Knee: a Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure.

The Legends Orthopedics 2.9 mm Suture Anchor is indicated for use in soft tissue reattachment procedures.

Specific indications are as follows:

Shoulder: Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromioclavicular separation, deltoid repair, biceps tenodesis.

Wrist/Hand: Scapholunate ligament reconstruction.

Elbow: Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction.

Knee: Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure, extracapsular repair, vastus medialis obliquus (VMO) muscle advancement.

The Legends Orthopedics 5.5 mm Knotless Suture Anchor is indicated for soft tissue reattachment procedures in the shoulder, elbow, wrist/hand, foot/ankle and knee.

Specific indications are as follows:

Shoulder indications: - Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromio-clavicular separation, deltoid repair, biceps tenodesis.

Wrist/Hand indications: - Ulnar/Radial collateral ligament reconstruction, scapholunate ligament reconstruction.

Foot/Ankle indications: - Achilles tendon repair/reconstruction, hallax valgus reconstruction, lateral stabilization, medial stabilization, mid- and forefoot reconstructions.

Elbow indications: - Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction, lateral epicondylitis repair.

Knee indications: - Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure.

Type of Use <i>(Select one or both, as applicable)</i>			
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.

#### \*DO NOT SEND YOUR COMPLETED FORM TO THE PRA STAFF EMAIL ADDRESS BELOW.\*

The burden time for this collection of information is estimated to average 79 hours per response, including the time to review instructions, search existing data sources, gather and maintain the data needed and complete and review the collection of information. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden, to:

Department of Health and Human Services Food and Drug Administration Office of Chief Information Officer Paperwork Reduction Act (PRA) Staff PRAStaff@fda.hhs.gov

"An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB number."

K230517 Page 1 of 10

## 510(k) Summary [As required by 807.92(a)]

## 1. 510(k) Summary

#### 1.1. Submitter Information:

Legends Orthopedics

169 E. Reynolds Road, Suite 203B

Lexington, Kentucky 40517

Contact Person: Jeremy Jarmon

Title: President/CEO

Telephone: 800-741-3995

Designated Submission

Correspondent:

W. Victoria Rogers Rogers Consulting 11110 Arranmore Cove Roanoke, Indiana 46783

574-265-8356

Date prepared: 11 September 2023

#### 1.2. Device Identification:

Trade Name: Legends Orthopedics Suture Anchors (Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends Orthopedics 5.5 mm Knotless Suture Anchor)

Common Name: Suture Anchor

Classification Name: Fastener, fixation non-degradable, soft tissue

Device Classification: Class II

Regulation Number: 21 CFR 888.3040

Product Code: MBI

K230517 Page 2 of 10

#### 1.3. Predicate Device:

Table 1: Predicate details

Device Name	510(k) Number
RoG™ Sports Medicine Suture Anchor	K111590

## 1.4. Device Description

The Legends Orthopedics Suture Anchors (Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends Orthopedics 5.5 mm Knotless Suture Anchor) are an internal fixation device intended to aid in arthroscopic and orthopedic reconstructive procedures needing soft tissue fixation, due to injury or degenerative disease.

The subject device(s) is screw-like in shape and composed exclusively of PEEK plastic. The 5.5mm (17.5mm length) is available in both standard "knotted" and "knotless" configurations. The implantable anchor devices are available in diameters of 5.5mm (17.5mm length) and 2.9mm diameter (10mm length) and provided in sterile condition.

They 5.5mm & 2.9 Suture Anchors are provided sterile and supplied with non-absorbable polyethylene suture. The anchor is supplied with reusable taps and guides of corresponding size.

The 5.5 knotless Suture Anchors are provided sterile no suture. Components are available in a range of sizes to meet the needs of an individual patient.

The 5.5mm suture anchor is supplied in two designs:

with USP #2 high strength non-absorbable polyethylene suture(s) intended to be knotted and Knotless without any suture and suture attachment does not require knot tying.

The 2.9mm suture anchor is supplied in two designs:

- i. with USP #2 high strength non-absorbable polyethylene suture(s) and where the anchor must be attached to the inserter before use and
- ii. where the anchors are provided preloaded on single use inserters.

K230517 Page 3 of 10

The anchors are composed of polyetheretherketone (PEEK). The high strength suture is made from non-absorbable Ultra High Molecular Weight Polyethylene (UHMWPE). The implants are ethylene oxide (ETO) sterilized. All implants are supplied in sterile condition.

#### 1.5 Intended Use & Indications for Use

The **Legends Orthopedics 5.5 mm Suture Anchors** is indicated for soft tissue reattachment procedures in the shoulder, elbow, wrist/hand, foot/ankle, and knee.

Specific indications are as follows:

<u>Shoulder:</u> Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromio-clavicular separation, deltoid repair, biceps tenodesis.

<u>Wrist/Hand</u>: Ulnar/Radial collateral ligament reconstruction, scapholunate ligament reconstruction.

<u>Foot/Ankle</u>: Achilles tendon repair/reconstruction, hallax valgus reconstruction, lateral stabilization, medial stabilization, mid- and forefoot reconstructions.

<u>Elbow</u>: Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction, lateral epicondylitis repair.

<u>Knee</u>: a Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure.

The **Legends Orthopedics 2.9 mm Suture Anchor** is indicated for use in soft tissue reattachment procedures.

Specific indications are as follows:

<u>Shoulder</u>: Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromio-clavicular separation, deltoid repair, biceps tenodesis.

Wrist/Hand: Scapholunate ligament reconstruction.

Elbow: Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction.

<u>Knee:</u> Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure, extracapsular repair, vastus medialis obliquus (VMO) muscle advancement.

The **Legends Orthopedics 5.5 mm Knotless Suture Anchor** is indicated for soft tissue reattachment procedures in the shoulder, elbow, wrist/hand, foot/ankle and knee.

K230517 Page 4 of 10

Specific indications are as follows:

<u>Shoulder indications</u>: - Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromio-clavicular separation, deltoid repair, biceps tenodesis.

<u>Wrist/Hand</u> indications: - Ulnar/Radial collateral ligament reconstruction, scapholunate ligament reconstruction.

<u>Foot/Ankle</u> indications: - Achilles tendon repair/reconstruction, hallax valgus reconstruction, lateral stabilization, medial stabilization, mid- and forefoot reconstructions.

<u>Elbow</u> indications: - Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction, lateral epicondylitis repair.

<u>Knee</u> indications: - Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure.

### 1.6 Summary of Technological Characteristics:

The fundamental scientific technology, materials of construction and mechanism of operation is identical between the subject device **Legends Orthopedics Suture Anchors** (Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends Orthopedics 5.5 mm Knotless Suture Anchor) and the predicate device.

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

- Intended Use: Identical to predicate
- Indications for Use: Identical to predicate
- Materials: Identical to predicate
- Design Features: Identical to predicate
- Sterilization: Identical to predicate

Table 2 summarizes the comparison of technological characteristics between the subject and predicate device

Table 2: Substantial Equivalence Table

S. No.	Parameters	Legends Orthopedics Suture Anchors (Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends	RoG Sports Medicine Suture Anchor, K111590 (predicate device)	Comments
-----------	------------	--	---	----------

K230517 Page 5 of 10

		Orthopedics 5.5 mm Knotless		
		Suture Anchor) (subject device)		
1.	Manufacturer	Legends Orthopedics	RoG™ Sports Medicine	-
2.	Product Code	MBI	MBI	Same
3.	Regulation			Same
	Number	21 CFR 888.3040	21 CFR 888.3040	
4.	Classification	Class II	Class II	Same
5.	Intended	The Legends Orthopedics	The RoG Sports Medicine	
	Use/	5.5 mm Suture Anchor is	5.5 mm Suture Anchor is	
	Indications	indicated for soft tissue	indicated for soft tissue	
	for Use	reattachment procedures in the	reattachment procedures in	
		shoulder, elbow, wrist/hand,	the shoulder, elbow,	
		foot/ankle and knee. Specific	wrist/hand, foot/ankle and	
		indications are as follows:	knee. Specific indications are	
			as follows:	
		Shoulder: Bankart repair, rotator		
		cuff repair, SLAP lesion repair,	<u>Shoulder</u> : Bankart repair,	
		capsule repair or capsulolabral	rotator cuff repair, SLAP	
		reconstruction, acromio-	lesion repair, capsule repair	
		clavicular separation, deltoid	or capsulolabral	
		repair, biceps tenodesis.	reconstruction, acromio-	
			clavicular separation, deltoid	
		Wrist/Hand: Ulnar/Radial collateral ligament	repair, biceps tenodesis.	
		reconstruction, scapholunate	Wrist/Hand: Ulnar/Radial	
		ligament reconstruction.	collateral ligament	
			reconstruction, scapholunate	
		Foot/Ankle: Achilles tendon	ligament reconstruction.	
		repair/reconstruction, hallux		
		valgus reconstruction, lateral	Foot/Ankle: Achilles tendon	
		stabilization, medial	repair/reconstruction, hallux	
		stabilization, mid- and forefoot	valgus reconstruction,	Same
		reconstructions.	lateral stabilization, medial	
			stabilization, mid- and	
		Elbow: Biceps tendon	forefoot reconstructions.	
		reconstruction, ulnar or radial		
		collateral ligament	Elbow: Biceps tendon	
		reconstruction, lateral	reconstruction, ulnar or radial	
		epicondylitis repair.	collateral ligament	
			reconstruction, lateral	
		Knee: a Lateral collateral	epicondylitis repair.	
		ligament repair, medial collateral		
		ligament repair, posterior	Knee: a Lateral collateral	
		oblique ligament repair, patellar	ligament repair, medial	
		ligament/tendon repair. iliotibial	collateral ligament repair,	

K230517 Page 6 of 10

band tenodesis, joint capsule closure.

The Legends Orthopedics 2.9 mm Suture Anchor is indicated for use in soft tissue reattachment procedures. Specific indications are as follows:

Shoulder: Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromioclavicular separation, deltoid repair, biceps tenodesis.

Wrist/Hand: Scapholunate ligament reconstruction.

Elbow: Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction.

Knee: Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure, extracapsular repair, vastus medialis obliquus (VMO) muscle advancement.

The Legends Orthopedics 5.5 mm Knotless Suture Anchor is indicated for soft tissue reattachment procedures in the shoulder, elbow, wrist/hand, foot/ankle and knee. Specific indications are as follows:

<u>Shoulder</u> indications: - Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or

posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure.

The RoG Sports Medicine 2.9 mm Suture Anchor is indicated for use in soft tissue reattachment procedures.

Specific indications are as follows:

Shoulder: Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromioclavicular separation, deltoid repair, biceps tenodesis.

Wrist/Hand: Scapholunate ligament reconstruction.

<u>Elbow</u>: Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction.

Knee: Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure, extracapsular repair, vastus medialis obliquus (VMO) muscle advancement.

The RoG Sports Medicine 5.5 mm Knotless Suture Anchor is indicated for soft tissue reattachment procedures in the shoulder,

Same

K230517 Page 7 of 10

		acromio-clavicular separation, deltoid repair, biceps tenodesis.  Wrist/Hand indications: - Ulnar/Radial collateral ligament reconstruction, scapholunate ligament reconstruction.  Foot/Ankle indications: - Achilles tendon repair/reconstruction, hallax valgus reconstruction, lateral stabilization, medial stabilization, mid- and forefoot reconstructions.  Elbow indications: - Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction, lateral epicondylitis repair.  Knee indications: - Lateral collateral ligament repair, medial collateral ligament repair, posterior oblique ligament repair, patellar ligament/tendon repair. iliotibial band tenodesis, joint capsule closure.	and knee. Specific indications are as follows:  Shoulder indications: - Bankart repair, rotator cuff repair, SLAP lesion repair, capsule repair or capsulolabral reconstruction, acromio-clavicular separation, deltoid repair, biceps tenodesis.  Wrist/Hand indications: - Ulnar/Radial collateral ligament reconstruction, scapholunate ligament reconstruction.  Foot/Ankle indications: - Achilles tendon repair/reconstruction, lateral stabilization, medial stabilization, mid- and forefoot reconstructions.  Elbow indications: - Biceps tendon reconstruction, ulnar or radial collateral ligament reconstruction, lateral epicondylitis repair.  Knee indications: - Lateral collateral ligament repair, medial collateral ligament repair, medial collateral ligament repair, iligament/tendon repair. iligament/tendon repair. iliotibial band tenodesis, joint capsule closure.	
6	Amahan			Come
6.				Same
	Diameters	5.5mm Anchor	5.5mm Anchor	
7.	Anchor			Same
7.	Anchor		į	Same
/.	AllCHOF	5.5mm Anchor: 17.5mm length	5.5mm Anchor: 17.5mm length	Same
/.	AllChor		į	Saille
7.	Anchor	2.9mm Anchor: 10mm length	2.9mm Anchor: 10mm length	Same
<del>-</del>				~
	Diameters	5 5mm Anchor	5 5mm Anchor	
6.	Anchor	2.9mm Anchor	2.9mm Anchor	Same
				~
		Design	n	
			, ,	
Ī			capsule closure	
l				
l			iliotibial band tenodesis ioint	
				1
			ligament/tendon repair	1
				1
			ı ılgamem repair, patellar	1
			ligament repair notellar	1
			ropaii, posterior oblique	1
			renair posterior oblique	l
				l
			l medial collateral ligament	l
				l
			collateral ligament repair	l
				l
			Knee Indications: - Lateral	l
				Į.
				Į.
				Į.
			· · · · · · · · · · · · · · · · · · ·	l
			opiconayinis repair.	l
			enicondylitis renair	l
			· ·	l
			reconstruction. lateral	ļ
			or radial collateral ligarrient	1
			or radial collateral ligament	ļ
		·	,	1
		pom capsule ciosure.	lendon reconstruction, uinar	l
		ioint cancula clocura	tendon reconstruction ulper	1
		•	·	l
		repair. Iliotidiai band tenodesis.	⊨idow indications: - Biceds	1
			Elbourindications: Disass	
				1
		repair patellar ligament/tendon		1
				1
		posterior oblique ligament	ioreroot reconstructions.	1
		nosterior oblique ligament	forefoot reconstructions	1
			·	1
		collateral ligament repair.	stabilization, mid- and	1
		·	· · · · · · · · · · · · · · · · · · ·	1
		·	· · · · · · · · · · · · · · · · · · ·	1
		collateral ligament renair medial	stabilization medial	1
			•	1
		Knee indications: - Lateral	valgus reconstruction. lateral	1
			· · · · · · · · · · · · · · · · · · ·	
			repair/reconstruction_hallax	
		Spissing into repair.		
		epicondylitis repair	Achilles tendon	
		•		1
		reconstruction lateral	Foot/Ankle indications: -	1
		_	,	1
		radial collateral ligament		1
			1000110ti dottori.	
		tendon reconstruction, ulnar or	reconstruction.	1
			, ,	1
		Elbow indications: - Biceps	scapholunate ligament	1
		Filham indiactions D'		
			igament reconstruction,	
		reconstructions.	Ulnar/Radiai collateral	
		stabilization, mid- and forefoot	Wrist/Hand indications: -	
Ī				
			-	
		naliax valgus reconstruction,	biceps tenodesis.	
		•	· ·	
		tendon repair/reconstruction,	separation, deltoid repair,	
		Foot/Ankle indications: - Achilles	acromio-clavicular	
			•	
			capsulolabral reconstruction	
		ngament reconstruction.	·	
		ligament reconstruction	cansule renair or	
		•		
		_	·	
		Ulnar/Radiai collateral ligament	Bankart repair, rotator cuff	
		·		
		Wrist/Hand indications: -	Shoulder indications: -	
			_, _, _, _,	
		•		
		deltoid repair, biceps tenodesis.	indications are as follows:	
		•	•	
		acromio-clavicular separation	and knee. Specific	
		•		
		capsulolabral reconstruction,	elbow, wrist/hand, foot/ankle	

K230517 Page 8 of 10

8.	Anchor Material	polyetheretherketone (PEEK)	polyetheretherketone (PEEK)	Same
9.	Suture Material	USP #2 Ultra High Molecular Weight Polyethylene (UHMWPE)	USP #2 Ultra High Molecular Weight Polyethylene (UHMWPE)	Same
10.	Suture Configuration	Braided multifilament (supplied by Riverpoint Medical, K100006)	Braided multifilament (supplied by Riverpoint Medical, K100006)	Same
11.	Range of Suture Diameter	.50599 (USP #2)	.50599 (USP #2)	Same
12.	Method of Fixation of Suture to Anchor	Knotted Design: Distal eyelet of anchor  Knotless Design: through body of anchor	Knotted Design: Distal eyelet of anchor  Knotless Design: through body of anchor	Same
13.	Sterilization	Provided in Sterile conditions (EO Sterilization).	Provided in Sterile conditions (EO Sterilization).	Same
14.	Single Use/Reuse	Single Use	Single Use	Same
15.	Shelf Life	5 years	5 years	Same

## 1.7 Summary of Performance Data

#### **Non-Clinical Tests:**

Non-clinical laboratory testing was performed by RoG Sports Medicine to determine substantial equivalence. The results were reviewed and side by side comparisons were done with the identified predicate device and it demonstrated that there were no significant differences between the **Legends Orthopedics Suture Anchors** (Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends Orthopedics 5.5 mm Knotless Suture Anchor) and the predicate device.

The results indicated that the devices were functional within their intended use.

Predicate device K111590	Proposed device
ASTM F2026-17 Standard Specification for Polyetheretherketone (PEEK) Polymers for Surgical Implant Applications	Same
SP-NF M80200_04_01	Same
Non-absorbable Surgical Suture	
USP-NF M99670_02_01	Same
<881> Tensile Strength	

K230517 Page 9 of 10

USP-NF M99650_02_01	Same
<861> Sutures - Diameter	
ISO 11135-1:2007 Sterilization of Healthcare Products – Part 1: Requirements for	Same
development, validation, and routine control of a sterilization process for medical devices.	
ISO 10993-7:2008 "Biological evaluation of medical devicesPart 7: Ethylene oxide sterilization residuals"	Same
ISO 11607-1:2006 – "Packaging for terminally sterilized medical devicesPart 1: Requirements for materials, sterile barrier systems and packaging systems.	Same
ISO14971:2007 "Medical Devices – application of risk management to medical devices"	Same
ASTM F543 (Standard Specification and Test Methods for Metallic Bone Screws) as a guideline Guidance Document for Testing Bone Anchor Devices	Same
The mechanical and physical properties were compared to the minimum requirements specified in ASTM F 2026 for surgically implantable grade of PEEK	Same

#### 1.8 Clinical Tests:

None provided as a basis for substantial equivalence.

## 1.9 Substantial Equivalence Conclusion:

The Legends Orthopedic Suture Anchors (Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends Orthopedics 5.5 mm Knotless Suture Anchor) under this premarket notification submission are the same in design, intended use, technological characteristics, sterilization and are composed of the same materials as its predicate. This product has the same performance characteristics and conforms to the same standards. There are no differences between the subject device and the predicate devices regarding safety and effectiveness that would affect the use of the product. As such, the Legends Orthopedic Suture Anchors are the same as its primary predicate.

From the data available we can justify that the Legends Orthopedic Suture Anchors (Legends Orthopedics 5.5 mm Suture Anchors, Legends Orthopedics 2.9 mm Suture Anchor, and Legends Orthopedics 5.5 mm Knotless Suture Anchor) are safe, and as effective and performs the same indications for use as that of already marketed predicate device identified in 1.3 of 510(k) summary.

K230517 Page 10 of 10

There are no significant differences between the subject device and the predicate devices that would adversely affect the use of the product.