

Stride Family



Maximize Your Options
Maximize Your Outcomes

 **BECKER**
A Tradition of Excellence A Commitment to Innovation

Introduction to Stance Control

Unlike conventional KAFO's, stance control KAFO's allow for free knee flexion during swing phase while also providing knee stability in stance phase through an automatic locking mechanism.



Traditional KAFO's only lock in full extension, which provides lower limb stability, but also causes patients to ambulate with gait deviations that may lead to other problems over time. Since traditional KAFO's do not allow for knee flexion while the patient is ambulating, they also require more energy to use.

Stance control orthoses (SCO's) on the other hand, allow the patient's knee to flex during the swing phase of gait and block flexion in stance phase for stability. An SCO's ability to provide knee flexion during swing phase allows patients to walk with less effort and a more symmetrical gait pattern.

SCO Benefits:

- Fewer gait deviations
- Provide a more symmetrical and fluid gait
- Less energy expenditure

Stride Stance Control Family

The Stride Family consists of a versatile group of interchangeable stance control orthotic knee joint systems known as the FullStride, SafetyStride and Stride4. All three systems are mechanical in nature and utilize a low-profile cabling system to automatically unlock at the end of stance phase. At the end of swing phase, the locking mechanism re-engages to provide knee stability for stance phase.



Each Stride component group provides specific and unique features that can be mixed and matched to address the specific needs of your patient. Since all Stride components are modular, you can quickly and easily change components and function within the same orthosis.

The Stride Family also includes a convenient, easy-to-use patient assessment and therapy tool called the PreStride.

Stance Control Program



Whatever your experience with stance control happens to be, we have put together a dedicated team to help you every step of the way. We offer everything from online support and training, to personal one-on-one training at your facility working directly with you and your patients. Our program offers educational in-services at your facility with one of our clinical education specialists, or online in-services via WebEx™ to help you get started. We can also offer additional support by lending you one of our new iPods with a built-in webcam. You can be linked through WebEx or FaceTime to one of our educators or technical staff members for real-time video calls to provide advice on evaluations, component selection, fitting and problem solving.

Get started today by calling our Stance Control Coordinator, Lori Costanzo.

Customer Service

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Stride Family of Stance Control



A Wider World



FullStride™ Video



Stride4 Case Study

Scan the QR codes above with your Smartphone to view our Stride videos.

Stride Component Selection

The following chart can be used to help you determine your patient's compatibility with our Stride stance control systems. We also recommend you use our PreStride Assessment Orthosis to qualify patients.

If you would like to speak with one of our stance control experts, please complete and fax the Patient Assessment Form on the following page to either Becker Orthopedic or Becker Oregon prior to scheduling your private consultation. It will serve as a common point of reference for us to understand your patient and help us assist you in selecting the best product to suit their needs.

	FULLSTRIDE™	STRIDE4™	SAFETYSTRIDE™
LOCKING ANGLE AND MECHANISM	Requires full extension of the orthotic knee joint to engage positive lock	<ul style="list-style-type: none"> 4 bar linkage mechanism provides stability when orthotic knee joint is fully extended Adjustable extension stop Integral Extension Assist Optional Lock 	<ul style="list-style-type: none"> Positive lock engaged when orthotic knee joint is fully extended Internal one way clutch bearing will resist knee flexion at any angle
ANKLE R.O.M. (MINIMUM REQUIRED)	Sufficient (3-5°) ankle and/or forefoot movement to generate 4 mm of cable excursion	Sufficient (3-5°) ankle and/or forefoot movement to generate 4 mm of cable excursion	Sufficient (3-5°) ankle and/or forefoot movement to generate 4 mm of cable excursion
KNEE EXTENSION R.O.M. REQUIRED	Metal uprights can be contoured to accommodate contractures of 10° or less	<ul style="list-style-type: none"> Metal uprights can be contoured to accommodate contractures of 10° or less Adjustable extension stop allows fine tuning 	<ul style="list-style-type: none"> Metal uprights can be contoured to accommodate contractures of 10° or less SafetyStride should be considered when patient fails to consistently achieve full knee extension prior to initial contact
ANKLE STRENGTH	No requirement	No requirement	No requirement
KNEE STRENGTH	No requirement	No requirement	No requirement
WEIGHT LIMIT	220 lbs. (A) / 140 lbs. (B)	220 lbs.	220 lbs.
GENU VARUS/VALGUS	Yes	Yes	Yes
BI-LATERAL USE	Yes	Yes	Yes
KNEE JOINT ALIGNMENT	<ul style="list-style-type: none"> Mobile varus and valgus deformities of the knee joint are not a contraindication. Knee joint should be realigned. Consideration should be given to KAFO design and rigidity to afford maximum control in coronal plane. Fixed varus and valgus deformities less than 15 degrees require careful evaluation. Consideration should be given to KAFO design, side bar material selection and inherent rigidity to afford maximum control in coronal plane. Fixed varus and valgus deformities greater than 15 degrees are a contraindication. 		
GENERAL HIP STRENGTH	<ul style="list-style-type: none"> Ideally patient will demonstrate the ability to maintain hip stability while weight bearing with the knee stabilized in the Prestride Assessment Orthosis. 		
HIP EXTENSOR WEAKNESS	Mild: Stride4 with internal extension assist or FullStride with 75N GX-Assist Moderate: Stride4 with internal extension assist or FullStride with 125N GX-Assist Severe: FullStride with 175N GX-Assist, SafetyStride with 175N GX-Assist, or Stride4 with optional lock		
HIP FLEXOR WEAKNESS	Mild: Stride4 with internal extension assist or FullStride with 75N GX-Assist Moderate: Stride4 with internal extension assist or FullStride with 125N GX-Assist Severe: FullStride with 175N GX-Assist, SafetyStride with 175N GX-Assist, or Stride4 with optional lock		
HIP ABDUCTOR WEAKNESS Note: Walking aid may be required in contralateral hand	Mild: Stride4 with internal extension assist or FullStride with 75N GX-Assist Moderate: Stride4 with internal extension assist or FullStride with 125N GX-Assist Severe: FullStride with 175N GX-Assist or SafetyStride with 175N GX-Assist		

Patient Assessment Form

Today's Date: _____ Prescribing Physician: _____

Facility: _____ Account # _____ Orthotist: _____

Street: _____ City: _____ State: _____ Zip: _____

Phone Number: _____ Fax Number: _____

DATES: Assessment: _____ Delivery: _____ Follow-up: _____

Patient ID: _____ Affected Side: Left Right Bilateral

Height: _____ Weight: _____ Age: _____ Gender: M F

Diagnosis: _____ DX Onset: _____

Gait Description: _____

Center of Mass (COM): Anterior Neutral Posterior

Previous type of orthosis (ankle joints, knee joints, trimlines): _____

Type of walking aid: _____

Treatment goal: _____

Proprioception: _____

Sensation: _____

Other circumstances (e.g. upper extremity weakness): _____

RANGE OF MOTION (Limits, specified, WNL, contracture)

Hip: _____ Knee: _____ Ankle: _____

Genu valgum: _____ ° Genu varum: _____ ° Genu recurvatum: _____ °

Ankle valgus: _____ ° Ankle varus: _____ °

Foot Progression Angle: Toe in: _____ ° Toe out: _____ °

MANUAL MUSCLE TESTING

Left Leg

- Hip Flexors: _____
- Hip Extensors: _____
- Hip ABductors: _____
- Hip ADductors: _____
- Knee Extensors: _____
- Knee Flexors: _____
- Plantarflexors: _____
- Dorsiflexors: _____

MMT ISOMETRIC GRADING

5	Holds test position against maximal resistance
4+	Holds test position against moderate to strong pressure
4	Holds test position against moderate resistance
4-	Holds test position against slight to moderate pressure
3+	Holds test position against slight resistance
3	Holds test position against gravity
3-	Gradual release from test position
2+	Moves through partial ROM against gravity or moves through complete ROM gravity eliminated and holds against pressure
2	Able to move through full ROM gravity eliminated
2-	Moves through partial ROM gravity eliminated
1	No visible movement; palpable or observable tendon prominence/flicker ctx
0	No palpable or observable muscle ctx

Right Leg

- Hip Flexors: _____
- Hip Extensors: _____
- Hip ABductors: _____
- Hip ADductors: _____
- Knee Extensors: _____
- Knee Flexors: _____
- Plantarflexors: _____
- Dorsiflexors: _____



PreStride™

The PreStride is an evaluation tool that may be used in combination with a physical examination to assess candidacy for Stride stance control orthotic management.

The PreStride is a modular and fully adjustable stance control KAFO that may be fitted in a controlled clinical setting to most adults who are between 5' 2" and 6' 2" in height. The overall height of the orthosis is quickly and easily adjusted by releasing the spring loaded knobs located on the medial and lateral uprights. Calf and thigh bands are also easily adjusted for varying A-P depths.

The PreStride is available in two unique models: The original PreStride, Model 9007, and the PreStride4, Model 9008. The original PreStride, Model 9007, comes with FullStride™ stance control knee joints and an optional GX-Assist unit to accommodate individuals with significant weakness of hip musculature. The GX-Assist uses a pneumatic spring to assist in knee extension by mimicking the swing phase function of the quadriceps muscle group. Model 9007 also offers interchangeability with the SafetyStride™ stance control knee joint (sold separately), which has the ability of resisting knee flexion at any angle and does not require full 180° knee extension in order to lock.

The PreStride4, Model 9008, utilizes our new Stride4 stance control knee joints, which are comprised of a four bar linkage mechanism and offer (3) modes of operation: Stance control, free motion and locked with stance phase flexion. An integral extension assist spring housed within the midsection assists with knee extension, while an adjustable extension stop allows the practitioner to adjust and fine tune the point at which the joint enters into its stable/locked state. A button on the Stride4 knee joint allows the practitioner to switch between stance control and locked modes of operation. When the lock option is selected and engaged by the clinician, the joint will allow approximately 3° of flexion to provide some shock absorption to the patient.

An additional advantage of the PreStride is that it may be used as an effective gait training tool during rehabilitation.

We offer a full range of technical and clinical support for the successful implementation of stance control technology into your practice. Please see page 3 to learn more about our comprehensive program and how we can help you get into stride with stance control.

Technical

FEATURES

- Fully adjustable and easy to work with modular design
- Can assess potential patients for FullStride, SafetyStride, Stride4 and GX-Assist
- Accommodates patients from 5' 2" to 6' 2" in height
- Double action ankle joints for gait optimization
- One-piece rigid footplate stirrup assembly
- Removable and disposable padding
- Delivered completely assembled

INDICATIONS

- Quadriceps weakness or lack of knee control as a result of:
 - Polio
 - MS
 - CVA
 - Femoral Nerve and Incomplete SCI
 - Inclusion Body Myositis
- Genu recurvatum

CONTRAINDICATIONS

- Patient weight greater than 220 lbs.
- Fixed varus or valgus deformity at the knee in excess of 15°
- Knee flexion contractures greater than 10°
- Knee hyperextension that cannot be controlled by the orthosis
- Substantial leg length discrepancy where the affected side is shorter
- Significant spasticity or tone in hip, knee or ankle musculature that is not controlled by the orthosis
- Insufficient ankle range-of-motion
- Significant impairment in the patient's cognition and/or motivation

AVAILABILITY

- The PreStride must be ordered directly through Becker Orthopedic

CODING

- The PreStride is not a prescription device and is designed for use in a controlled environment under clinical supervision as an assessment and therapy tool

PreStride Ordering Information

Order No.	Description
9007-R	PreStride - Right
9007-L	PreStride - Left
9007-P	PreStride - Pair

PreStride4 Ordering Information

Order No.	Description
9008-R	PreStride4- Right
9008-L	PreStride4 - Left
9008-P	PreStride4 - Pair

Stride4™ Patent Pending

PreStride™ KAFO



PreStride4™ KAFO



FullStride™

The FullStride is a mechanical stance control orthotic knee joint that utilizes a low-profile cabling system to automatically unlock at the end of stance phase. At the end of swing phase, when the orthotic knee joint reaches full extension, the locking mechanism re-engages to provide knee stability for stance phase.

When necessary, the stance control capability of the FullStride can be easily converted into a traditional automatic bail lock.

We offer a full range of technical and clinical support for the successful implementation of stance control technology into your practice. Please see page 3 to learn more about our comprehensive program and how we can help you get into stride with stance control.

FullStride Ordering Information

Order No.	Description
9006-A6	FullStride Kit with Aluminum Uprights
9006-A6S	FullStride Kit with Stainless Steel Uprights
9006-A6TI	FullStride Kit with Titanium Uprights
322*	Custom FullStride KAFO

*Use Stride Orthometry Forms - Pages 18-19

Note: All FullStride kits come with a heel cable receptor that is thermoformed into the UCBL during fabrication. If you would prefer to use a standard stirrup, or stirrup inserts with your FullStride, please refer to page 17 for available options.



Shown with heel cable receptor.

Modular Design

Technical

FEATURES

- Automatic, mechanical locking and unlocking
- Flexible, adaptive, modular design
- Durable, straightforward components
- Cost effective
- Interchangeable with the SafetyStride and Stride4
- Available with aluminum, stainless steel or titanium uprights

INDICATIONS

- Quadriceps weakness or lack of knee control as a result of:
 - Polio
 - MS
 - CVA
 - Femoral Nerve and Incomplete SCI
 - Inclusion Body Myositis
- Genu recurvatum

CONTRAINDICATIONS

- Patient weight greater than 220 lbs.
- Fixed varus or valgus deformity at the knee in excess of 15°
- Knee flexion contractures greater than 10°
- Knee hyperextension that cannot be controlled by the orthosis
- Substantial leg length discrepancy where the affected side is shorter
- Significant spasticity or tone in hip, knee or ankle musculature that is not controlled by the orthosis
- Insufficient ankle range-of-motion
- Significant impairment in the patient's cognition and/or motivation

FABRICATION

- Can be fabricated into a variety of orthotic designs including conventional metal and leather, composites and prepreg. To ensure that optimal joint alignment and function is maintained throughout the gait cycle, we recommend the use of inherently rigid materials when designing your FullStride KAFO.
- **We strongly recommend that you select an ankle joint configuration that limits dorsiflexion and allows for accurate alignment of the foot ankle complex in the sagittal plane**

AVAILABILITY

- The FullStride can be purchased as a kit through Becker Orthopedic, or fabricated into a variety of custom KAFO designs by Becker Central Fabrication or Becker Oregon
- Use the Stride Orthometry Form for custom orders

CODING

- We recommend you consider coding the FullStride with a base code of L2005. The responsibility of accurate coding lies with the patient care facility that is billing for the product and service. The HCPCS Alpha-Numeric System is subject to revisions and periodic updates and should be consulted prior to billing.



FullStride™ KAFO in automatic bail lock configuration.



FullStride™ KAFO in Stance Control configuration with Stance Control stirrup option.

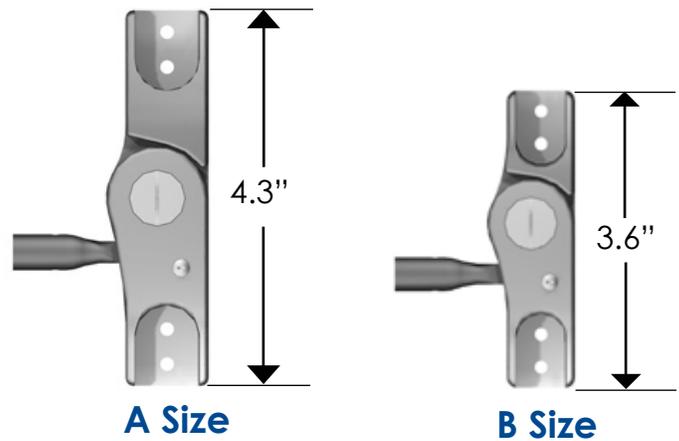


FullStride™ - B Size

The FullStride is also available in our “B,” or youth size for smaller adults and adolescents. Offering a 25% reduction in weight to enhance the clinical application, the “B” size FullStride gives you additional possibilities in offering stance control to your patients.

The FullStride is a mechanical stance control orthotic knee joint that utilizes a low-profile cabling system to automatically unlock at the end of stance phase. At the end of swing phase, when the orthotic knee joint reaches full extension, the locking mechanism re-engages to provide knee stability for stance phase. When necessary, the FullStride can also be easily converted into an automatic bail lock knee joint.

We offer a full range of technical and clinical support for the successful implementation of stance control technology into your practice. Please see page 3 to learn more about our comprehensive program and how we can help you get into stride with stance control.



FullStride B Size Ordering Information

Order No.	Description
9006-B6	FullStride B Size Kit with Aluminum Uprights
9006-B6S	FullStride B Size Kit with Stainless Steel Uprights
322-B*	Custom FullStride B-Size KAFO

*Use Stride Orthometry Forms - Pages 18-19

Technical

FEATURES

- Automatic, mechanical locking and unlocking
- Flexible, adaptive, modular design
- Durable, straightforward components
- Cost effective
- Available with aluminum or stainless steel uprights

INDICATIONS

- Quadriceps weakness or lack of knee control as a result of:
 - Polio
 - MS
 - CVA
 - Femoral Nerve and Incomplete SCI
 - Inclusion Body Myositis
- Genu recurvatum

CONTRAINDICATIONS

- Patient weight greater than 140 lbs.
- Fixed varus or valgus deformity at the knee in excess of 15°
- Knee flexion contractures greater than 10°
- Knee hyperextension that cannot be controlled by the orthosis
- Substantial leg length discrepancy where the affected side is shorter
- Significant spasticity or tone in hip, knee or ankle musculature that is not controlled by the orthosis
- Insufficient ankle range-of-motion
- Significant impairment in the patient's cognition and/or motivation

FABRICATION

- Can be fabricated into a variety of orthotic designs including conventional metal and leather, composites and prepreg. To ensure that optimal joint alignment and function is maintained throughout the gait cycle, we recommend the use of inherently rigid materials when designing your FullStride B Size KAFO.
- **We strongly recommend that you select an ankle joint configuration that limits dorsiflexion and allows for accurate alignment of the foot ankle complex in the sagittal plane**

AVAILABILITY

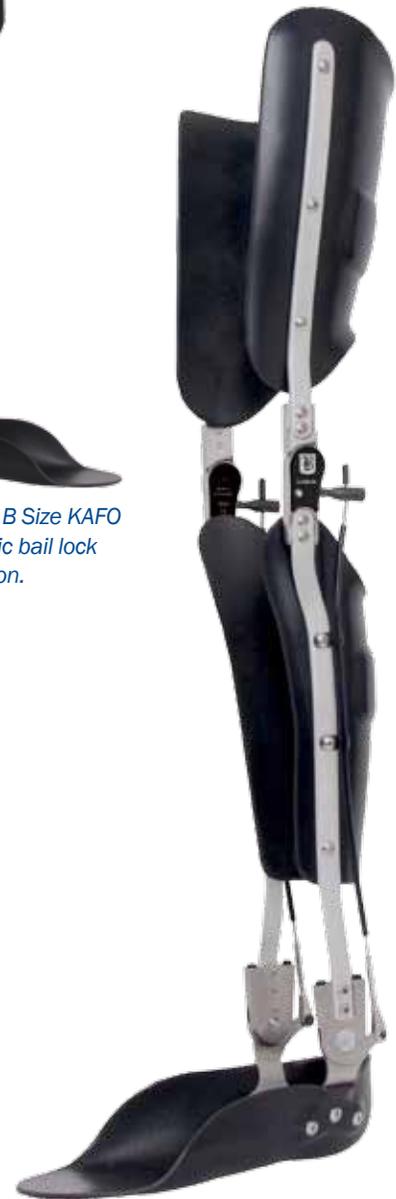
- The FullStride B Size can be purchased as a kit through Becker Orthopedic, or fabricated into a variety of custom KAFO designs by Becker Central Fabrication or Becker Oregon
- Use the Stride Orthometry Form for custom orders

CODING

- We recommend you consider coding the FullStride B-Size with a base code of L2005. The responsibility of accurate coding lies with the patient care facility that is billing for the product and service. The HCPCS Alpha-Numeric System is subject to revisions and periodic updates and should be consulted prior to billing.



FullStride™ B Size KAFO in automatic bail lock configuration.



FullStride™ B Size KAFO in Stance Control configuration with Stance Control stirrup option.



SafetyStride™

The SafetyStride is a mechanical stance control orthotic knee joint that utilizes a low-profile cabling system to automatically unlock itself at the end of stance phase. The key feature of the SafetyStride is its ability to resist knee flexion at any angle. The SafetyStride does not require full 180° knee extension to resist knee flexion in stance phase.

Designed to unlock at terminal stance, an internal lever re-engages during swing phase to ensure knee joint stability prior to heel contact. Individuals who intermittently fail to reach full extension will now have the added security and stability they require while ambulating.

The SafetyStride works in conjunction with the FullStride and can be easily installed on a FullStride equipped KAFO.

We offer a full range of technical and clinical support for the successful implementation of stance control technology into your practice. Please see page 3 to learn more about our comprehensive program and how we can help you get into stride with stance control.

SafetyStride Ordering Information

Order No.	Description
9005-A6	SafetyStride Kit with Aluminum Uprights
9005-A6S	SafetyStride Kit with Stainless Steel Uprights
9005-A6TI	SafetyStride Kit with Titanium Uprights
321*	Custom SafetyStride KAFO

*Use Stride Orthometry Forms - Pages 18-19

Note: All SafetyStride kits come with a heel cable receptor that is thermoformed into the UCBL during fabrication. If you would prefer to use a standard stirrup, or stirrup inserts with your SafetyStride, please refer to page 17 for available options.



Shown with optional Stance Control stirrup inserts.

Maximize Mobility

Technical

FEATURES

- Automatic, mechanical locking and unlocking will resist knee flexion at any angle
- Designed to unlock at terminal stance, an internal lever will re-engage during swing phase ensuring knee stability prior to heel contact
- Interchangeable with the FullStride and Stride4
- Durable, straightforward modular design
- Available with aluminum, stainless steel or titanium uprights

INDICATIONS

- Quadriceps weakness or lack of knee control as a result of:
 - Polio
 - MS
 - CVA
 - Femoral Nerve and Incomplete SCI
 - Inclusion Body Myositis
- Genu recurvatum
- Knee flexion contractures of 30° or less while weight bearing

CONTRAINDICATIONS

- Patient weight greater than 220 lbs.
- Fixed varus or valgus deformity at the knee in excess of 15°
- Knee flexion contractures greater than 10°
- Knee hyperextension that cannot be controlled by the orthosis
- Substantial leg length discrepancy where the affected side is shorter
- Significant spasticity or tone in hip, knee or ankle musculature that is not controlled by the orthosis
- Insufficient ankle range-of-motion
- Significant impairment in the patient's cognition and/or motivation

FABRICATION

- Can be fabricated into a variety of orthotic designs including conventional metal and leather, composites and prepreg. To ensure that optimal joint alignment and function is maintained throughout the gait cycle, we recommend the use of inherently rigid materials when designing your SafetyStride KAFO.
- **We strongly recommend that you select an ankle joint configuration that limits dorsiflexion and allows for accurate alignment of the foot ankle complex in the sagittal plane**

AVAILABILITY

- The SafetyStride can be purchased as a kit through Becker Orthopedic, or fabricated into a variety of custom KAFO designs by Becker Central Fabrication or Becker Oregon
- Use the Stride Orthometry Form for custom orders

CODING

- We recommend you consider coding the SafetyStride with a base code of L2005. The responsibility of accurate coding lies with the patient care facility that is billing for the product and service. The HCPCS Alpha-Numeric System is subject to revisions and periodic updates and should be consulted prior to billing.



SafetyStride KAFO with heel cable receptor.



Stride⁴TM

The Stride4 is the latest addition to the Stride Family of interchangeable stance control knee joints. It contains many additional features to enhance patient function and like the FullStride and SafetyStride, the Stride4 is a mechanical stance control orthotic knee joint that utilizes a low-profile cabling system to automatically unlock at the end of stance phase. At the end of swing phase, when the orthotic knee joint reaches full extension, the locking mechanism re-engages to provide knee stability for stance phase. Cable adjustment clevises allow the practitioner to easily adjust the cable length to match the patient's stride length.

The joint body of the Stride4 is comprised of a four bar linkage mechanism; the upper and lower aspects of the joint do not purely rotate about one fixed center of rotation. Instead, the joint motion involves some translation, in addition to rotation, to more closely mimic anatomical knee motion.

In the stance control mode of operation, the four bar linkage mechanism provides stability when the orthotic knee joint is fully extended. An integral extension assist spring housed within the midsection assists with knee extension, while an adjustable extension stop allows the practitioner to adjust and fine tune the point at

which the joint enters into its stable/locked state. If desired, the extension stop can be fully adjusted to eliminate the stability feature to facilitate free motion.

A button on the Stride4 allows the patient to switch between locked and stance control modes of operation. This feature provides the patient with the option of locking the joint should they desire. When the lock option is selected and engaged by the patient, the joint will allow approximately 3° of flexion to provide some shock absorption to the user.

We offer a full range of technical and clinical support for the successful implementation of stance control technology into your practice. Please see page 3 to learn more about our comprehensive program and how we can help you get into stride with stance control.

Stride4 Ordering Information

Order No.	Description
LMB-C063-A6	Stride4 Kit with Aluminum Uprights
LMB-C063-A6S	Stride4 Kit with Stainless Steel Uprights
LMB-C063-A6TI	Stride4 Kit with Titanium Uprights
323*	Custom Stride4 KAFO

*Use Stride Orthometry Forms - Pages 18-19

Stride4 Convenience

Technical

FEATURES

- 3 operation modes: Stance control, free motion and locked with stance phase knee flexion
- 4 bar linkage mechanism to afford stability and mimic anatomical knee motion
- Integrated extension assist
- Adjustable extension stop to fine tune knee stability
- Free motion option
- Durable, straightforward modular design
- Cost effective
- Interchangeable with the FullStride and SafetyStride
- Available with aluminum, stainless steel or titanium uprights

INDICATIONS

- Quadriceps weakness or lack of knee control as a result of:
 - Polio
 - MS
 - CVA
 - Femoral Nerve and Incomplete SCI
 - Inclusion Body Myositis
- Genu recurvatum

CONTRAINDICATIONS

- Patient weight greater than 220 lbs.
- Fixed varus or valgus deformity at the knee in excess of 15°
- Knee flexion contractures greater than 10°
- Knee hyperextension that cannot be controlled by the orthosis
- Substantial leg length discrepancy where the affected side is shorter
- Significant spasticity or tone in hip, knee or ankle musculature that is not controlled by the orthosis
- Insufficient ankle range-of-motion
- Significant impairment in the patient's cognition and/or motivation

FABRICATION

- Can be fabricated into a variety of orthotic designs including conventional metal and leather, composites and prepreg. To ensure that optimal joint alignment and function is maintained throughout the gait cycle, we recommend the use of inherently rigid materials when designing your Stride4 KAFO.
- **We strongly recommend that you select an ankle joint configuration that limits dorsiflexion and allows for accurate alignment of the foot ankle complex in the sagittal plane**

AVAILABILITY

- The Stride4 can be purchased as a kit through Becker Orthopedic, or fabricated into a variety of custom KAFO designs by Becker Central Fabrication or Becker Oregon
- Use the Stride Orthometry Form for custom orders

CODING

- We recommend you consider coding the Stride4 with a base code of L2005. The responsibility of accurate coding lies with the patient care facility that is billing for the product and service. The HCPCS Alpha-Numeric System is subject to revisions and periodic updates and should be consulted prior to billing.



Stride4 with Stance Control stirrup option.

Stride

The following accessories may be ordered individually, or included with your FullStride, SafetyStride, or Stride4 kit. Contact our customer service department and let us help you tailor a kit specifically to the needs of your patient today.

For further convenience, we also offer custom central fabrication services that will meet or exceed the expectations of you and your patient in terms of quality, delivery, and service. For custom orders, use the Stride Orthometry forms on pages 18-19.



MODEL GX-ASSIST

For individuals with significant weakness of hip musculature, the FullStride and SafetyStride may be ordered with a GX-Assist option that incorporates a pneumatic spring on the lateral or medial joint unit to assist in knee extension during the swing phase of gait. Available with your choice of a 75N, 125N (for standard applications), or 175N pneumatic spring, the GX-Assist can also be retrofit to existing FullStride and SafetyStride KAFO's.

GX-Assist Add-On Kit Ordering Information

Order No.	Description
9006-GX-A	GX-Assist Add-On Kit for FullStride (3/16" x 3/4")
9006-GX-B	GX-Assist Add-On Kit for FullStride B size (3/16" x 5/8")
9005-GX-A	GX-Assist Add-On Kit for SafetyStride (3/16" x 3/4")

Conversions

Pressurization Force (N)	Torque (in-lbf)	Band Color
75N	17	Blue
125N	28	Green
175N	39	No Band



MODELS SLM-2825/ASLM-2825 MODULAR ANKLE JOINTS

When choosing an ankle joint to pair with one of our Stride systems, we strongly recommend you select one that limits dorsiflexion and allows for accurate alignment of the foot ankle complex in the sagittal plane.

Our modular Slim Line double action ankle joints are optimized with pins in the anterior channels and springs in the posterior channels to provide you with an appropriate ankle joint setup for use with our Stride systems. They are available in both stainless steel (SLM-2825) and aluminum (ASLM-2825) with either a 3/4" or 5/8" recess to accommodate our A and B size Stride uprights.



Stride Ankle Joint Ordering Information

Order No.	Recess	Material
SLM-2825-A	3/4"	Stainless Steel
SLM-2825-B	5/8"	Stainless Steel
ASLM-2825-A	3/4"	Aluminum
ASLM-2825-B	5/8"	Aluminum

Accessories



MODELS SC-SL2810/SC-SL2800 STRIDE STIRRUPS

To further increase your design options for our Stride stance control systems, we have developed two Slim Line double action stirrups that can be connected directly to the Stride cabling system. With these stirrup options, it is no longer necessary to use the heel cable receptor that comes with our FullStride and SafetyStride kits. Available in both a wide flange design with a 6" tongue (SC-SL2800), or as a Y stirrup insert (SC-SL2810).

Stride Stirrups Ordering Information

Order No.	Description
SC-SL2800-X	Stance Control Wide Flange Stirrup
SC-SL2810-A-Y	Stance Control Y Stirrup



MODELS 9006-MD-A/LMB-C063-FD-A MOLDING DUMMIES

Molding dummies are available for the FullStride, SafetyStride and Stride4 knee joints. The FullStride and SafetyStride utilize the same, universal, nylon molding dummy.

Since the Stride4 knee joint does not have one fixed center of rotation, **we strongly recommend** using the Stride4 molding dummies for fabrication. The dummies have a 3/8" hole to mark knee center and are made of stainless steel. Stride4 dummies are left and right specific and may be ordered individually or in pairs.

Molding Dummy Ordering Information

Order No.	Description
9006-MD-A	FullStride / SafetyStride A Size Molding Dummy
9006-MD-B	FullStride B Size Molding Dummy
LMB-C063-FD-A	Stride4 Molding Dummy

MODELS LA/LK LAMINATION UPRIGHTS

To assist you with laminating, we have also developed lamination uprights for use with our Stride stance control knee joints and modular double action ankle joints. Constructed entirely of stainless steel, our lamination uprights come in both A and B sizes to accommodate our A and B size modular knee and ankle joints.

Lamination Upright Ordering Information

Order No.	Bar Width	Description
LK-A#7	3/4"	Proximal Upright
LK-A#8-L	3/4"	Distal Upright - Left
LK-A#8-R	3/4"	Distal Upright - Right
LK-B#7	5/8"	Proximal Upright
LK-B#8-L	5/8"	Distal Upright - Left
LK-B#8-R	5/8"	Distal Upright - Right
LA-A	3/4"	Ankle Joint Upright
LA-B	5/8"	Ankle Joint Upright



Today's Date: _____

Facility: _____

Patient: _____ Age: _____

Street: _____

Sex: _____ Ht: _____ Wt: _____ Activity Level: _____

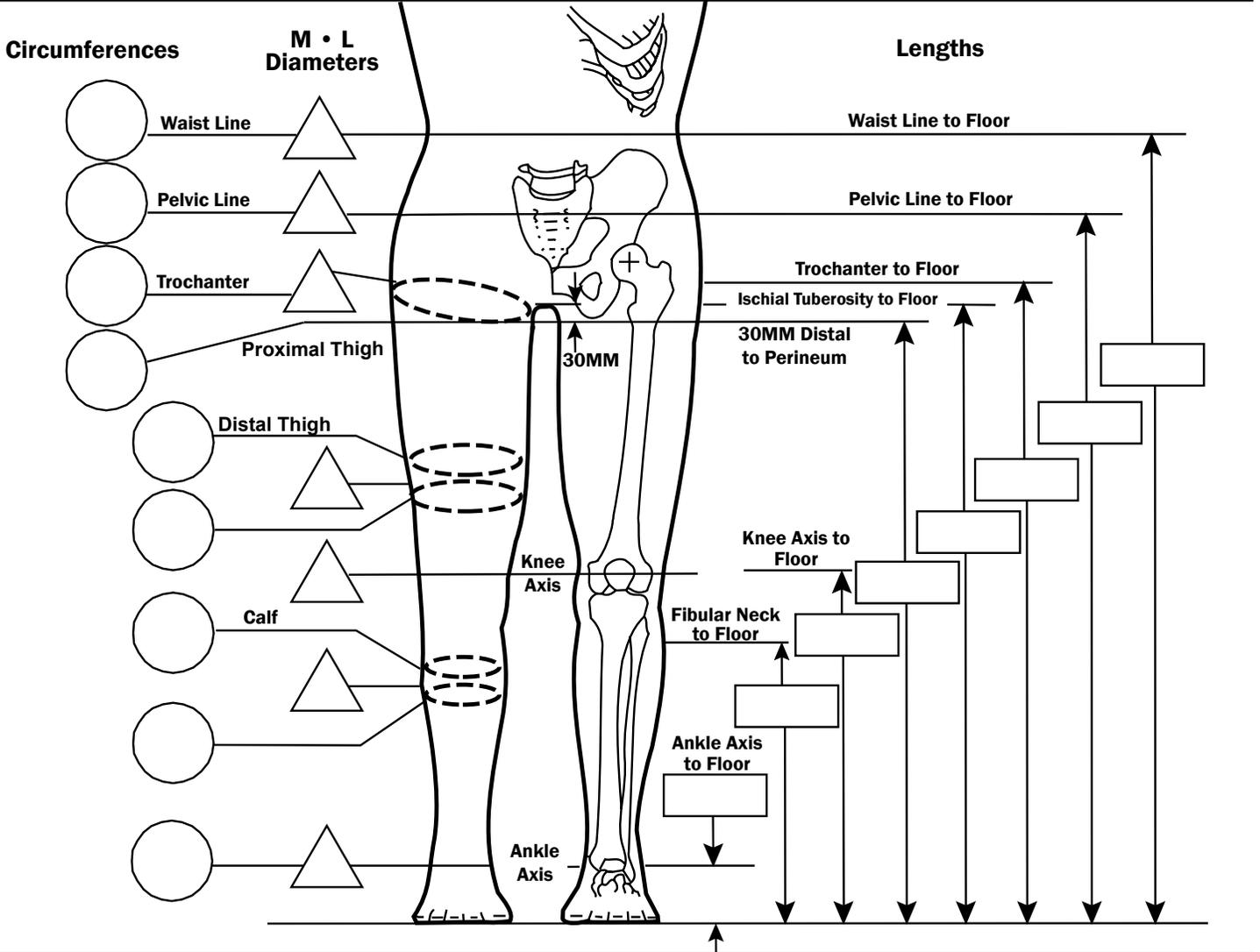
City: _____ State: _____ Zip: _____

Diagnosis: _____

Orthotist: _____ Phone #: _____

PO #: _____ Delivery Date: _____

MEASUREMENTS: Inches Centimeters **FINISHED LATERAL HEIGHT** _____ **FINISHED MEDIAL HEIGHT** _____



Contraindications for all Stride Stance Control Systems:

- Insufficient ankle range-of-motion (3° - 5° required)
- Substantial leg length discrepancy where the affected side is shorter
- Knee flexion contractures greater than 10°
- Weight greater than 220 lbs (A Size) - 140 lbs (B size FullStride only)

(If your patient is borderline, please contact one of our Clinical Education Specialists listed on Page 3 of the Stride Family Guide)

Ankle	
<input type="checkbox"/> Varus	<input type="checkbox"/> Valgus
<input type="checkbox"/> Correct	<input type="checkbox"/> Do Not Correct
<input type="checkbox"/> Toe Out	<input type="checkbox"/> Toe In
Degrees: _____	
Heel Height: _____	

Knee	
<input type="checkbox"/> Varum	<input type="checkbox"/> Valgum
<input type="checkbox"/> Correct	<input type="checkbox"/> Do Not Correct
Degrees: _____	
<input type="checkbox"/> Hyperextended	
<input type="checkbox"/> Knee Flexion Contracture	
<input type="checkbox"/> Correct	<input type="checkbox"/> Do Not Correct

(If tibial torsion is required, please specify dimensions in additional instructions)

Additional Instructions (Ex. transfer paper):

Today's Date: _____

Facility: _____

Patient: _____ Age: _____

Street: _____

Sex: _____ Ht: _____ Wt: _____ Activity Level: _____

City: _____ State: _____ Zip: _____

Diagnosis: _____

Orthotist: _____ Phone #: _____

PO #: _____ Delivery Date: _____

LEG: Left Right Bilateral

MATERIAL: Thermoplastic Metal and Leather Prepreg Laminated*

Thermoplastic/Prepreg Options

Plastic (select one from each column)

Color	Type	Thickness	Location	Flare/Tab
<input type="checkbox"/> Natural	<input type="checkbox"/> Polypropylene	<input type="checkbox"/> 3/16"	<input type="checkbox"/> Anterior	<input type="checkbox"/> Proximal
<input type="checkbox"/> Black	<input type="checkbox"/> Prepreg (Becker only)	<input type="checkbox"/> 1/4"	<input type="checkbox"/> Posterior	<input type="checkbox"/> Medial
				<input type="checkbox"/> Lateral

Cast Correction

- Do not correct 90° _____° PF/DF
 Correct Forefoot Correct Varus/Valgus

Heel Height _____ Finished Height of KAFO _____

Liner (select one from each column)

Type	Thickness	Location
<input type="checkbox"/> Aliplast	<input type="checkbox"/> 1/8"	<input type="checkbox"/> Thigh <input type="checkbox"/> Posterior
<input type="checkbox"/> Med-Density Pelite	<input type="checkbox"/> 5/32"	<input type="checkbox"/> Anterior <input type="checkbox"/> Calf
<input type="checkbox"/> Heavy-Density Pelite	<input type="checkbox"/> 3/16"	<input type="checkbox"/> Entire Orthosis <input type="checkbox"/> Ankle Pad
<input type="checkbox"/> Other _____	<input type="checkbox"/> 1/4"	<input type="checkbox"/> Other _____

Ankle Joints

- Camber Axis Hinge® Modular Standard Action (M3025)
 Slim Line Double Action (SLM-2825) Other _____
 Size: A (Adult) B (Youth)

Activation Option (select type)

- Heel Cable Receptor Stirrup Inserts

Metal and Leather Options

Leather (select one from each column)

Color	Closure	Condyle Pad	Miscellaneous
<input type="checkbox"/> Black	<input type="checkbox"/> Hook & Loop	<input type="checkbox"/> Round (FullStride Only)	<input type="checkbox"/> Calf Lacer
<input type="checkbox"/> Beige	<input type="checkbox"/> Leather Strap & Buckle		<input type="checkbox"/> Leather Gauntlet
<input type="checkbox"/> Smoked Elk			<input type="checkbox"/> SS Footplate (please provide cast)
<input type="checkbox"/> Brown			
<input type="checkbox"/> White			

Modular Ankle Joints (select type)

- Slim Line Double Action (SLM-2825)
 Modular Standard Action (M3025)

Size: A (Adult) B (Youth)

Stirrup (select type)

- Solid
 Solid Wide Flange
 UCBL
 Other _____

Range of Motion

- Plantarflexion _____ Dorsiflexion _____

***Laminated Options - Becker Oregon Only**

Double Upright

- 3110 No Pretibial Shell
 3112 With Pretibial Shell
 3114 Removable Pretibial Shell

Solid Ankle

- 3150 No Pretibial Shell
 3152 With Pretibial Shell
 3154 Removable Pretibial Shell

Knee Joint Options

FullStride™ (select from each column below)

<input type="checkbox"/> FullStride™(9006)	<input type="checkbox"/> Aluminum	<input type="checkbox"/> 3/16" x 3/4"	<input type="checkbox"/> High Buff
<input type="checkbox"/> FullStride™ w/GX-Assist (9006-GX) <input type="checkbox"/> 75N <input type="checkbox"/> 125N <input type="checkbox"/> 175N	<input type="checkbox"/> Stainless Steel	<input type="checkbox"/> 3/16" x 5/8"	<input type="checkbox"/> Bead Blast
	<input type="checkbox"/> Titanium (3/16" x 3/4" only)		

SafetyStride™ (select from each column below)

<input type="checkbox"/> SafetyStride™(9005)	<input type="checkbox"/> Aluminum	<input type="checkbox"/> 3/16" x 3/4" (Standard)	<input type="checkbox"/> High Buff
<input type="checkbox"/> SafetyStride™ w/GX-Assist (9005-GX) <input type="checkbox"/> 75N <input type="checkbox"/> 125N <input type="checkbox"/> 175N	<input type="checkbox"/> Stainless Steel		<input type="checkbox"/> Bead Blast
	<input type="checkbox"/> Titanium (3/16" x 3/4" only)		

Stride4™ (select from each column below)

<input type="checkbox"/> Stride4™ (LMB-C063)	<input type="checkbox"/> Aluminum	<input type="checkbox"/> 3/16" x 3/4" (Standard)	<input type="checkbox"/> High Buff
	<input type="checkbox"/> Stainless Steel		<input type="checkbox"/> Bead Blast
	<input type="checkbox"/> Titanium (3/16" x 3/4" only)		

ADDITIONAL ADD-ONS

- Tongue: AK BK
 Other: _____

Note: To optimize gait and enhance knee stability, special consideration should be given to ankle joint selection. We would strongly recommend that you select an ankle joint configuration that limits dorsiflexion and allows accurate alignment of the foot ankle complex in the sagittal plane.

For clinical or technical support please see Page 3 of the Stride Family Guide for contact information



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