

soe strong



Bledsoe engineers
braces for every
type of person.

soe versatile

Introducing the next-generation line of OA (Osteoarthritis) braces from Bledsoe. Whether the patient's lifestyle is active, semi-active or low activity, we've added enhanced features to our line of well-established braces to accommodate every type of OA patient need.

We believe there is no one-size-fits-all solution for OA braces. Bledsoe's OA product line specifically addresses a patient's level of mobility, body type and osteoarthritis pain threshold, providing options in brace design.

Bledsoe's family of OA braces is diverse enough to meet the needs of the active patient who requires unloading only during exercise, the semi-active patient who requires unloading throughout the day for daily activities as well as exercise, and the low-activity-level patient whose unloading requirements may vary depending on body type.



Z12
ADJUSTABLE OA
Mild-Moderate^{OA}
+/- COMBINED INSTABILITIES



Axiom
ADJUSTABLE OA
Mild-Moderate^{OA}
+/- COMBINED INSTABILITIES



Legacy
THRUSTER
Mild-Moderate^{OA}
Moderate-Severe^{OA}



Duo
Moderate-Severe^{OA}
+/- COMBINED INSTABILITIES

Welcome
to the new
Bledsoe.

The Z12 and Axiom Adjustable OA braces incorporate an adjustable condyle, which can add up to 6 additional degrees of correction within a dual upright frame for additional ligamentous support.

The Legacy Thruster, relying on the success of the single upright Thruster design, is now slimmer and lighter than its predecessors. The Thruster design pulls vs. pushes to unload the joint and relieve pain with up to 22 degrees of correction.

The DUO by Bledsoe is truly unique, designed to DYNAMICALLY unload the joint when the knee is in extension and reduces the load as the knee goes into flexion. An ideal product for patients requiring a brace for all day use. Approximately 16 degrees of correction can be applied with the DUO design.

Z12

ADJUSTABLE OA

The next generation of the popular, dual-upright Z12 OA design, features an adjustable condyle building up to 6 additional degrees of correction to the brace. The Z12 is ideal for patients with an active lifestyle who may need additional support from a dual upright brace due to ligamentous instability. The new adjustable condyle will allow patients to make minor load adjustments by sliding the loading level through 5 settings. The Z12 frame is made of magnesium—our lightest-weight OA brace.

- » Low-profile frame
- » Adjustable hinge
- » Unique upper calf strapping mimicks a finger-trap design to minimize migration
- » For specific activities, not all day wear
- » For patients with combined instability as well as mild-moderate OA
- » Not recommended for patients with abnormal amount of redundant tissue
- » OK for activities that involve some running (0-15 MPH)
- » OK for activities like basketball, skiing, softball, etc.
- » Not OK for contact sports like football, rugby, etc.

FRAME LENGTHS:

Standard 13" for patients under 5'5"
 Extended 15" for patients up to 5'10"

AVAILABLE:

Off the Shelf
 Custom



Axiom

ADJUSTABLE OA

Similar to the Z12, the double upright Axiom Adjustable OA has upgraded to a built-in adjustable condyle. Ideal for patients with an active lifestyle who may need additional support due to ligamentous instability, the new adjustable condyle will allow patients to make minor load adjustments by sliding the loading lever to the next setting. The aluminum Axiom frame is slightly longer than the Z12.

- » Low-profile frame
- » Adjustable hinge
- » Unique upper calf strapping mimicks a finger-trap design to minimize migration
- » For specific activities, not all day wear
- » For patients with combined instability as well as mild-moderate OA
- » Not recommended for patients with abnormal amount of redundant tissue
- » OK for activities that involve some running (0-15 MPH)
- » OK for activities like basketball, skiing, softball, etc.
- » Not OK for contact sports like football, rugby, etc.

FRAME LENGTH:

Axiom 17" for patients over 5'10"

AVAILABLE:

Custom Only



ADJUSTABLE CONDYLE PAD



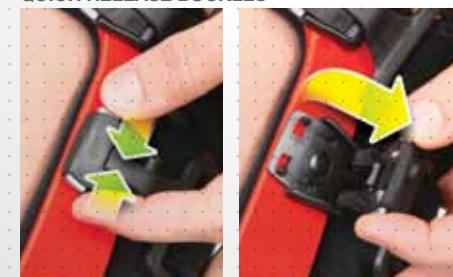
Adjustable condyle pad applies additional pressure as patient need changes

PIVOTING STRAP ATTACHMENTS



Independently pivoting strap attachments reduce brace migration

QUICK RELEASE BUCKLES



Quick Release buckles disconnect in a snap

ADJUSTABLE CONDYLE PAD



Adjustable condyle pad applies additional pressure as patient need changes

PIVOTING STRAP ATTACHMENTS



Independently pivoting strap attachments reduce brace migration

QUICK RELEASE BUCKLES



Quick Release buckles disconnect in a snap

Mild-Moderate OA
Moderate-Severe OA

Moderate-Severe OA +/- COMBINED INSTABILITIES

Legacy THRUSTER

Duo

Introducing the next generation of our popular OA Thruster brace: Legacy Thruster is a smaller, lighter single-upright model that features an improved hinge but maintains the same overall look. Unlike the competition, the Bledsoe Legacy Thruster's hinge is on the affected side of the knee. This design creates relief by pulling the straps to open the joint space vs. pushing against the opposite side of the knee. This design addresses OA conditions only, not associated ligament instability.

- » Low-profile frame
- » Dial allows incremental force adjustments
- » Hinge is on involved side of knee, pulling vs. pushing to relieve joint pain
- » Distal calf section flexes with the muscles of the leg
- » Up to 22 degrees of correction can be applied
- » For moderate to severe OA patients who require the brace for all-day use
- » Not for patients with combined instabilities
- » OK for activities that involve minimal running (0-10 MPH)
- » OK for moderate activities like walking, golf, tennis, bicycling, etc.
- » Not OK for high-intensity sports like football, basketball, skiing, etc.

FRAME LENGTHS:

Short 14"
Standard 16"

AVAILABLE:

Off the Shelf
Custom



A completely new design from Bledsoe, our DUO (Dynamic Unloading Osteoarthritis) Brace is the only double upright "dynamic" OA brace in the market. This brace creates a load across the joint when the knee is straight and reduces the load when the knee is flexed. Thus, when the patient is bearing weight, the brace is actively working. DUO is active when the patient is standing and relieves pressure when sitting.

- » Low-profile frame
- » Dynamic loading hinge
- » Incremental arm adjustments
- » Available in both custom and off the shelf
- » Unique strapping prevents migration
- » Requires the brace for all-day use
- » OK for patients with redundant tissue
- » OK for activities that do not involve running (0-5 MPH)
- » OK for low activity levels like golf, bowling, etc.

FRAME LENGTH:

Standard 15"

AVAILABLE:

Off the Shelf
Custom



INCREMENTAL ADJUSTMENTS



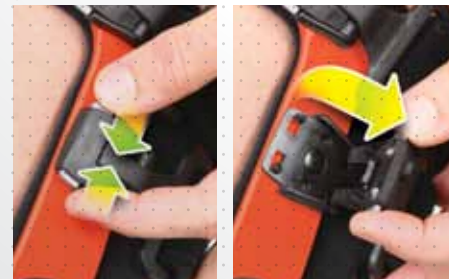
FPO
Incremental arm adjustments fits conform to individual's form

FLEX CONNECT



FPO
Flex Connect brace bends with movement

QUICK RELEASE BUCKLES



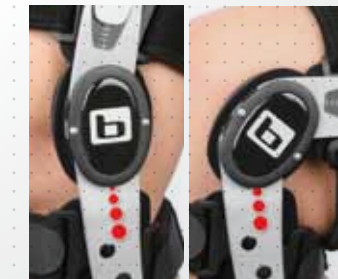
Quick Release buckles disconnect in a snap

INCREMENTAL ADJUSTMENTS



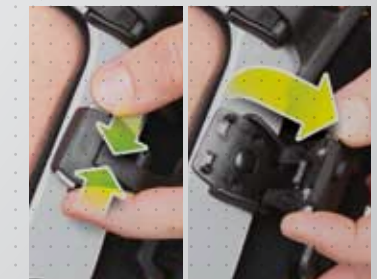
FPO
Incremental arm adjustments fits conform to individual's form

DYNAMIC HINGE



FPO
Dynamic Hinge increases frame length when brace is extended

QUICK RELEASE BUCKLES



Quick Release buckles disconnect in a snap

Aligner

Just like our popular OA Legacy Thruster brace, the Aligner is a single-upright model that features an improved hinge with a lower profile, ideal for patients with mild to moderate OA. Unlike the competition, the Bledsoe Aligner's hinge is on the affected side of the knee and creates relief by pulling the straps to open the joint space vs. pushing against the opposite side of the knee. This design addresses OA only, not associated ligament instability.

Applies the principles of the Thruster in a lower-profile design. Ideal for patients with mild to moderate osteoarthritis.

- » Low-profile frame
- » Dial allows incremental adjustments
- » Hinge is on involved side
- » Distal calf section flexes with the muscles of the leg
- » For moderate to severe OA patients who require the brace for all-day use
- » Not for patients with combined instabilities
- » OK for activities that involve minimal running (0-10 MPH)
- » OK for moderate activities like walking, golf, tennis, bicycling, etc.
- » Not OK for high-intensity sports like football, basketball, skiing, etc.

FRAME LENGTH:
Standard 16"

AVAILABLE:
Off the Shelf
Custom



Thruster

Thruster is a single upright OA brace that provides the greatest amount of OA correction on the market. The unique design of the hinge allows 36 degrees of brace angulation. This allows the brace to unload knee joints that have excessive tissue. It is available in custom and OTS and Athletic versions. It can be made to unload the medial or lateral compartment of the knee.

- » Hinge is on involved side of knee, pulling vs. pushing to relieve joint pain
- » Up to 36 degrees of correction
- » Ideal for large patients needing maximum correction
- » Recommended for patients with redundant soft tissue
- » For moderate to severe OA patients who require the brace for all-day use
- » Not for patients with combined instabilities
- » OK for activities that involve minimal running (0-10 MPH)
- » OK for moderate activities like walking, golf, tennis, bicycling, etc.
- » Not OK for high-intensity sports like football, basketball, skiing, etc.

FRAME LENGTHS:
Short 14"
Standard 16"

AVAILABLE:
Off the Shelf
Custom



INCREMENTAL ADJUSTMENT DIAL



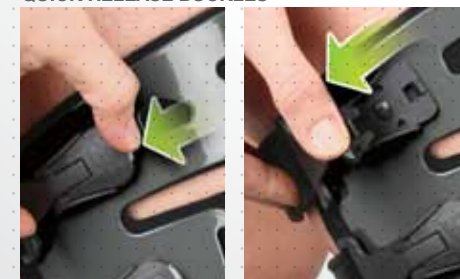
FPO Dial allows incremental adjustments for tension

PIVOTING STRAP ATTACHMENTS



Independently pivoting strap attachments reduce brace migration

QUICK RELEASE BUCKLES



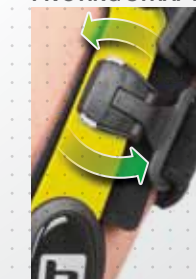
Quick Release buckles disconnect in a snap

INCREMENTAL ADJUSTMENTS



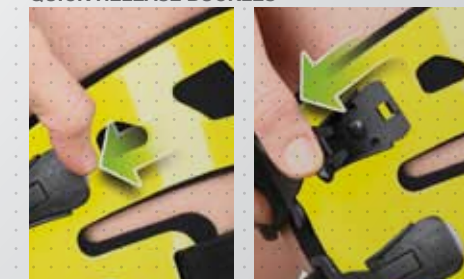
Independently pivoting strap attachments reduce brace migration

PIVOTING STRAP ATTACHMENTS



Independently pivoting strap attachments reduce brace migration

QUICK RELEASE BUCKLES



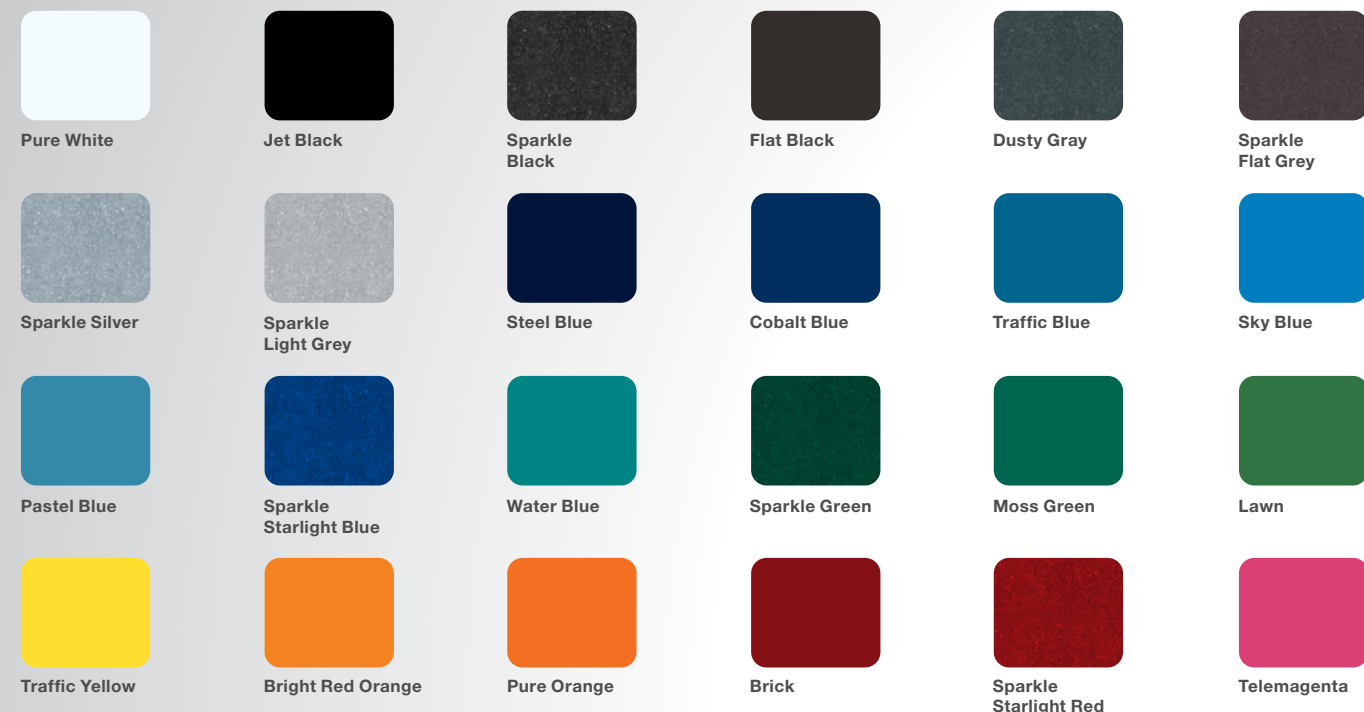
Quick Release buckles disconnect in a snap

ColorChart

Select one or two colors for your brace. Fill in the code for your color selection on the Custom Brace Order Form provided by your fitter. For a single color, use the same code twice. Color options are only available on custom knee braces.

AluminiumColors

Axiom Adj OA / DUO / Legacy / Thruster / Aligner



MagnesiumColors

Z12 Adj OA / Axiom Mg Adj OA



soe durable
soe innovative
soe reliable

soe  bledsoe™



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Featured on the cover - Z12 Adjustable OA Key: 1. Low-profile Frame 2. Moisture-resistant Liners 3. Over-the-center Buckle
4. Gel Condyle Pad 5. Quick-release Tabs 6. Antioxidant Paint 7. Magnesium Frame 8. Pivoting Strap Tabs 9. Independent Pivoting Calf Strap
10. Adjustable Condyle Pads 11. Impact-resistant Tabs

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