

PRODUCT INFORMATION

Keep this guide for future reference. Read all instructions before using the product.

CUSTOMER SUPPORT

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DOCUMENT CONTROL

Brand: Dr. Franklyn's | Model: KO-01 | Revision: 1.1 | Issue date: September 2026

INTENDED USE

A clinician-fitted, semi-rigid knee orthosis for adult home use during postoperative or injury recovery when stabilization and range-of-motion control are prescribed.

MEDICAL PURPOSE

Supports the knee joint and helps control flexion and extension. Rigid bilateral uprights, adjustable hinges, and straps limit motion to the settings prescribed by the treating clinician.

HOW IT WORKS

The frame transfers support along the thigh and lower leg while each hinge permits or blocks knee motion at selected angle stops. Straps maintain alignment and fit.

PRESCRIPTION AND SAFETY

- This brace should be fitted and its hinge settings prescribed by a qualified healthcare professional.
- Do not change flexion, extension or lock settings without clinician approval.
- Inspect the frame, hinges, straps, pads and buckles before every use. Do not use damaged parts.
- Stop use and seek advice for increasing pain, swelling, numbness, tingling, skin injury, discoloration or coldness below the brace.
- The brace is intended for single-patient use and is not waterproof.

HOME AND REPEATED USE

Reusable by one patient. A qualified professional should select the hinge settings and initial fit. The user may perform routine donning, doffing, skin checks, and cleaning at home.

IMPORTANT

Do not change hinge settings unless instructed. Stop use and contact the treating professional for increased pain, swelling, numbness, color change, loss of circulation, or brace damage.

WARRANTY AND EXPECTED LIFE

One-year limited warranty from the original purchase date. Expected product life: three years under normal use, inspection, care, cleaning, and storage. Stop using sooner if damaged, worn, contaminated, leaking, or unable to perform as intended. Retain proof of purchase.



HEALTH | SUPPORT | RECOVERY



MODEL KO-01

HINGED ROM
POST-OP KNEE BRACE

Adjustable range-of-motion support

READ INSTRUCTIONS COMPLETELY BEFORE USE

ADJUST THE LENGTH

Length adjusts from 18 to 23.5 inches. The brace is supplied at its shortest setting and must be adjusted before use.



1. PRESS THE RELEASE BUTTON 2. SLIDE THE UPRIGHT

Press the push-button mechanism on each side and slide the four leg supports up or down. Confirm every support locks securely.

MATCH BOTH SIDES

Adjust both sides to the same length so the brace stays aligned.

BRACE-FIT LIMITS

Adjust the straps and length to fit before use. Assistance may be needed if mobility is limited.

IMPORTANT

Maximum circumference: 22 inches at the top straps and 18 inches at the bottom straps.

POSITION THE SPLINT PROPERLY

The uprights should run along both sides of the leg. Center the upper section along the middle of the thigh.



SIDE VIEW - UPRIGHTS FOLLOW THE LEG

Center the main hinge directly beside the knee cap. The hinge axes should align with the knee joint.



HINGES CENTERED BESIDE THE KNEE

ALIGNMENT CHECK

- Hinges centered at both sides of the knee.
- Uprights centered along the thigh and lower leg.
- Both sides set to matching lengths.

APPLY THE BRACE - STEPS 1 TO 3

1

OPEN THE BRACE

Undo all straps and plastic clips. Lay the brace flat with the hinge controls facing upward.

2

PLACE THE LEG

Place the leg in the middle. Align the side of the knee cap with both hinge centers.

3

SECURE ABOVE KNEE

Fasten the second strap from the top first, directly above the knee. Adjust until snug.

APPLY THE BRACE - STEPS 4 TO 6

4 SECURE BELOW KNEE

Fasten the second strap from the bottom next, directly below the knee. Adjust until snug.



5 FASTEN REMAINING

After the brace is properly positioned, secure the remaining straps and tighten them evenly.



6 USE THE BUCKLES

After the length and fit are set, use the buckles for removal and reapplication without resetting every strap.



ADJUST THE STRAPS

Each fabric strap uses a removable alligator/Y-style hook-and-loop end.



1. CHECK THE REQUIRED LENGTH

If a strap is too long, remove the alligator/Y end. Test the needed length carefully before folding or cutting the fabric strap.



2. REATTACH THE STRAP END

After folding or cutting the strap to fit, replace the removable alligator/Y end and press it down firmly.



CAUTION

Cut only after the fit has been confirmed. Cut fabric cannot be restored.

SET FLEXION (BEND)

Begin with the brace straight. Press and hold the middle push button while sliding the control labeled FLEXION to the prescribed setting.

SETTINGS

Available flexion settings: OPEN, 90°, 70°, 40°, and 30°.



MATCH BOTH HINGES

Set the same flexion limit on both sides of the brace.

SET EXTENSION

IMPORTANT

Before selecting an extension stop, position the brace at that angle or farther. The slider will not lock if the brace has not reached the selected angle.

Press and hold the middle push button while sliding the control labeled EXTENSION to the prescribed setting.

SETTINGS

Available extension settings: 30°, 10°, 0°, and -10°.



MATCH BOTH HINGES

Set the same extension limit on both sides of the brace.

LOCK AT A SPECIFIC ANGLE

Position the brace at the prescribed angle. Press and hold the middle push button while moving the slider labeled LOCK to the required angle.



LOCK SETTINGS

Lock positions: -10°, 0°, 10°, 20°, 30°, 40°, 50°, 60°, 70°, 80°, and 90°.

Set the same lock angle on both hinges. Confirm that both sliders are fully engaged before standing or walking.

CARE INSTRUCTIONS

- Remove pads before washing. Machine wash cold with mild detergent and tumble dry on low, or hand wash and air dry.
- Remove alligator/Y ends and plastic buckles before machine washing adjustable straps. Hang straps to dry; do not tumble dry them.
- Wipe rigid parts and hinges with a damp cloth. Do not immerse the hinges.

WARNINGS

- This brace does not prevent injury or eliminate the risk of injury.
- Consult your clinician before use or before changing the fit or hinge settings.
- Stop use and contact your clinician immediately if pain or swelling occurs.
- For single-patient use only. Do not submerge; dry immediately if wet.

SPECIFICATIONS

LENGTH RANGE

18"-23.5"

MAXIMUM TOP CIRCUMFERENCE

22"

MAXIMUM BOTTOM CIRCUMFERENCE

18"

BRACE WEIGHT

1.8 lb

FLEXION

OPEN / 90° / 70° / 40° / 30°

EXTENSION

30° / 10° / 0° / -10°

FINAL SAFETY CHECK

- Both hinges use identical settings.
- Every release button and slider is locked.
- Straps are flat, secure and not restricting circulation.
- The hinge axes remain centered beside the knee.