



REBOUND® CARTILAGE

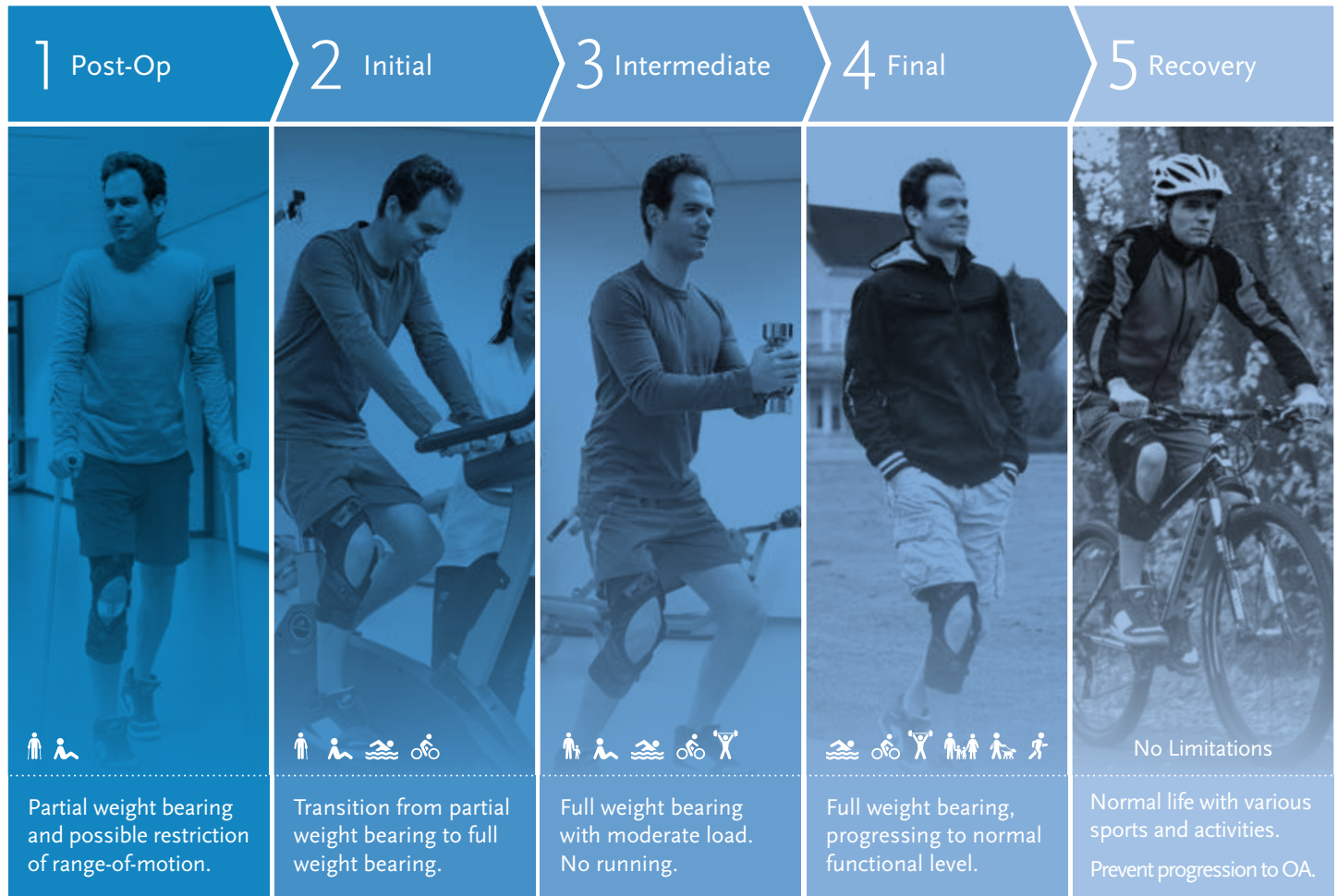
Protective Support Solution



REHABILITATION PHASES AFTER CARTILAGE REPAIR

The success of an articular cartilage repair is dependent upon patient compliance during the rehabilitation process and the protocol is based on restricted cartilage load combined with gradual increase in activity. Many rehabilitation protocols suggest partial weight-bearing as the standard of care for successful outcomes^{1,2,3} However, patient compliance to partial weight-bearing instructions with crutches has been shown to be inconsistent.^{4,5}

Rebound Cartilage is a protective functional solution designed to support knee cartilage healing after cartilage repair such as Microfracture, OATS and (M)ACI.



Articular cartilage needs up to 24 months to regenerate post repair procedures⁶ and includes 5 important phases for recovery.



Our expertise in Injury Solutions has driven us to take the next step forward by developing indication-specific products which are designed to optimize healing while maintaining function and mobility.

FUNCTIONAL HEALING – WHERE MOBILITY MEANS RECOVERY

REBOUND® CARTILAGE PROTECTIVE SUPPORT SOLUTION

Effectively unloads the knee joint

Based on the clinically-proven 3-Point Leverage System, the patented Cartilage Protection Straps™ maintain joint unloading in flexion for protection of the cartilage during the healing process.



Secure, yet comfortable

The breathable, wraparound sleeve features an integrated Sensil® silicone calf liner and a doeskin thigh liner to prevent migration while ensuring ultimate comfort.



A lightweight, low-profile solution

At just 14 ounces, the Rebound Cartilage brace offers a lightweight, low-profile option that is barely noticeable to the user and fits securely underneath clothing.



Color-coding for ease-of-use

With color-coding on both the wraparound sleeve and Quick-Fit™ buckles, Rebound Cartilage is easy and intuitive to apply and reassemble after cleaning.



Optional flexion control

For protocols requiring range-of-motion restrictions, an optional Flexion Control Kit containing an additional upright and extra strapping is available.



EASY TO FIT AND WEAR



Cartilage Protection Straps are powered by Boa Technology® for simple adjustment



Twist-Fit™ attachment enables easy application of the wraparound liner sleeve



Numbered straps allow for easy strap placement after cleaning



Soft alligator clips are low-profile and facilitate easy strap trimming

ORDERING INFORMATION

REBOUND CARTILAGE WITHOUT FLEXION CONTROL

Size	Measurements ¹	Right	Left
Small	12.2-14" (30.9-35.6cm)	B-2545X0002	B-2546X0002
Med.	14-16.75" (35.6-42.5cm)	B-2545X0003	B-2546X0003
Large	16.75-20" (42.5-50.8cm)	B-2545X0004	B-2546X0004
XLarge	20-24" (50-61cm)	B-2545X0005	B-2546X0005

X = 1 (Medial) or 2 (Lateral)
¹ Circumference: 6" below mid-patella

REBOUND CARTILAGE WITH FLEXION CONTROL

Size	Measurements ¹	Right	Left
Small	12.2-14" (30.9-35.6cm)	B-2547X0002	B-2548X0002
Med.	14-16.75" (35.6-42.5cm)	B-2547X0003	B-2548X0003
Large	16.75-20" (42.5-50.8cm)	B-2547X0004	B-2548X0004
XLarge	20-24" (50-61cm)	B-2547X0005	B-2548X0005

X = 1 (Medial) or 2 (Lateral)
¹ Circumference: 6" below mid-patella

ACCESSORIES

Description	Right	Left
Flexion Control Kit	B-705295X00	B-705296X00

X = 1 (Medial) or 2 (Lateral)

REFERENCES

1. Tyler TF, Lung JY "Rehabilitation following osteochondral injury to the knee" *Curr Rev Musculoskelet Med.* (2012) March; 5(1): 72-81.
2. Reinold MM, Wilk KE, Macrina LC, Dugas JR, Cain EL. "Current concepts in the rehabilitation following articular cartilage repair procedures in the knee." *J Orthop Sports Phys Ther.* (2006) 36(10):774-94.
3. Edwards PK, Ackland TR, Ebert JR. "Accelerated Weightbearing Rehabilitation After Matrix-Induced Autologous Chondrocyte Implantation in the Tibiofemoral Joint: Early Clinical and Radiological Outcomes." *Am J Sports Med.* (2013) Oct;41(10):2314-24.
4. Ebert JR, Ackland TR, Lloyd DG, Wood DJ. "Accuracy of partial weight bearing after autologous chondrocyte implantation." *Arch Phys Med Rehabil.* (2008) Aug;89(8):1528-34.
5. Dabke HV, Gupta SK, Holt CA, O'Callaghan P, Dent CM. How accurate is partial weightbearing? *Clin Orthop Relat Res.* (2004) Apr;(421):282-6.
6. Marlovits S, Aldrian S, Wondrasch B, Zak L, Albrecht C, Welsch G, Trattnig S "Clinical and radiological outcomes 5 years after matrix-induced autologous chondrocyte implantation in patients with symptomatic, traumatic chondral defects." *Am J Sports Med.* (2012) Oct;40(10):2273-80.

FOLLOW ÖSSUR ON



TEL (800) 233-6263
 CANADA (800) 663-5982
 WWW.OSSUR.COM

