



Right brace shown with knob on lateral side after adjustment.

AIRCAST[®]
INCORPORATED

*Minimize contractures
from full extension to full flexion*

Mayo Clinic Elbow Brace

- Rapidly switch between immobilization, static stretch, and free ROM using lock/unlock mechanism
- Monitor therapy progress with easily read calibrated control knob
- Control ROM using repositionable hinge stops
- Apply to right or left arm – universal design
- Accommodate varying humeral/radial circumferences through size adjustment feature
- Control pronation/supination with ARC™ Forearm Rotational Brace option

protection, stability, and motion

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MAYO CLINIC ELBOW BRACE

universal elbow brace

The Mayo Clinic Elbow Brace, featuring an innovative control knob and adjustable hinge, provides exceptional stability and comfort while allowing for immobilization, static stretch or free motion option of the elbow. The sturdy metal uprights provide stability, while the straps with aircells securely hold the brace in position, ensure patient comfort and avoid pressure points.

The brace is used immediately after surgery to protect and immobilize the elbow joint. In the immediate post injury or post surgical period, the brace may be used to comfortably immobilize the elbow due to the effectiveness of the aircell strapping systems.

For static stretch, the control knob is set to the desired degree of flexion/extension. Once the arm muscles have stretched to the designated degree, the muscles can relax minimizing the inflammatory response that can occur in dynamic stretching.

In addition, the control knob can be unlocked allowing for free range-of-motion (ROM). This unique feature enables the patient to have the benefits of stability and protection while promoting elbow movement to prevent or treat contractures.

The Mayo Clinic Elbow Brace also controls ROM through the use of metal stops located in the adjustable hinge. These stops, inserted into the hinge by the medical professional, ensure that the patient does not exceed pre-determined safe limits of ROM.

Accessories include the ARC™ Forearm Rotational Brace for control of pronation/supination and an Arm Sling to enhance patient comfort.



Right brace shown with knob on lateral side after adjustment.



INDICATIONS

- Contractures of the elbow
- Elbow reconstruction/repair procedures

RECOMMENDED RESOURCES

- Morrey BF: *The Elbow and It's Disorders* 3rd Edition. Saunders, 2000
- Morrey BF: *Master's Techniques in Orthopedic Surgery, The Elbow*. Second edition. Lippincott Williams & Wilkins, 2002
- Mansat P, Morrey BF: The column procedure: A limited lateral approach for extrinsic contracture of the elbow. *JBJS 80A(11): 1603-1615, 1998*
- Stans AA, Maritz NGJ, O'Driscoll SW, Morrey BF: Operative treatment of elbow contracture in patients twenty-one years of age or younger. *JBJS 84A(3): 382-387, 2002*
- Stinson LW Jr, Lennon RL, Adams RA, Morrey BF: The Technique and Efficacy of Axillary Catheter Analgesia as an Adjunct to Distraction Elbow Arthroplasty: A Prospective Study. *JSES 2(4): 182-189, July/August 1993*

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1 Madison Street, Bldg A
East Rutherford, NJ 07073
Tel: (800) 879-2276
Fax: (800) 866-8011
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