

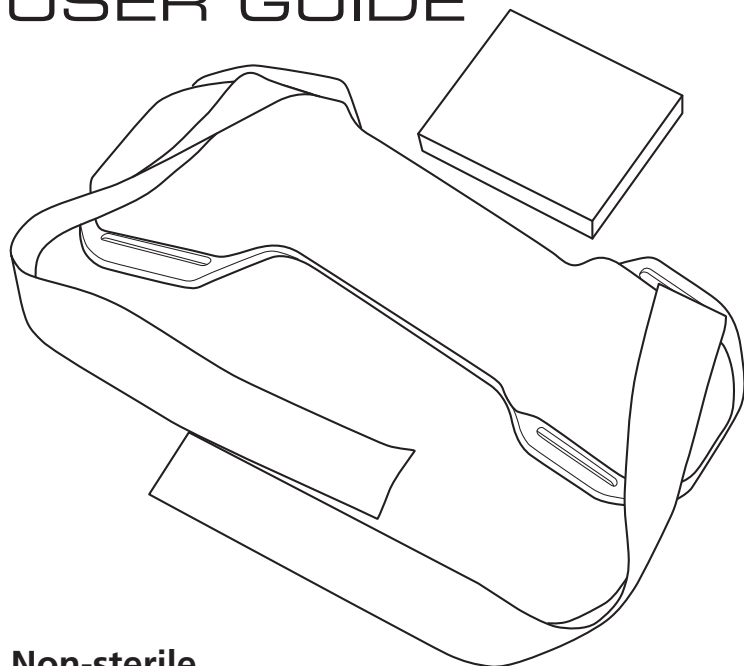
mBrace™



ADVANCED VASCULAR DYNAMICS
A Semler Technologies Company

Semler Technologies, Inc.
dba Advanced Vascular Dynamics

Model 4200 Wrist Support USER GUIDE



Non-sterile



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Single-Use Only
Re-use may damage the device.



Read the accompanying instructions before use.

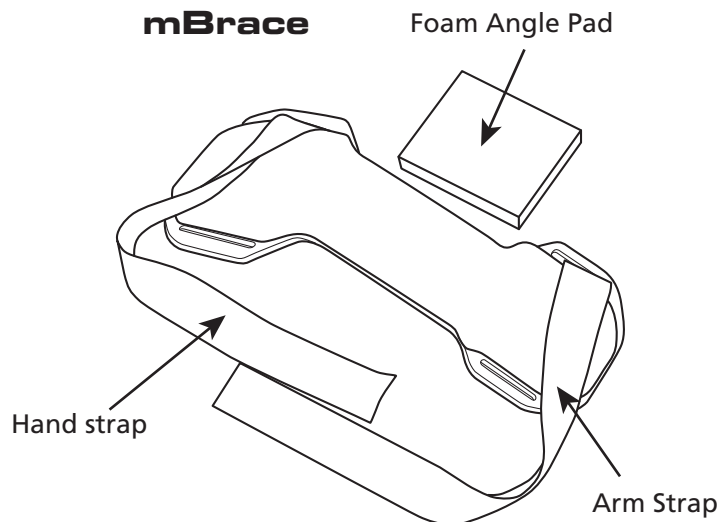
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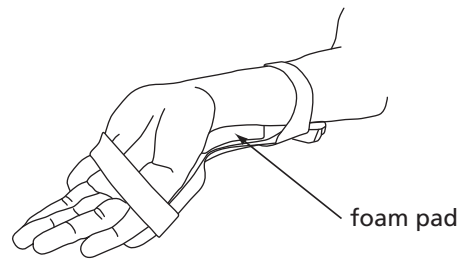
User Guide

The mBrace™ provides a stable platform and consistent wrist extension angle for conveniently achieving radial artery access.

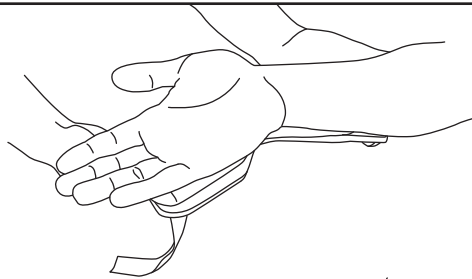
- The flat front edge of the mBrace helps prevent rolling and provides a stable platform to support the wrist.
- The 40° extension angle provides a consistent wrist extension from one patient to the next.
- Wrapping the hand strap around the thumb helps prevent hand pronation to properly present the radial artery and wrist.
- The straps enable easy, comfortable adjustment to accommodate virtually any size of hand.



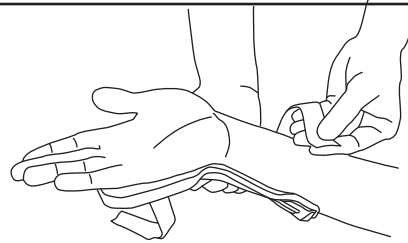
The mBrace can be used for extending the wrist to 40° when inserting lines or catheters in the radial artery or other arteries in the wrist. A foam pad is included for optionally padding the hand or increasing the angle of extension. Use care when applying to the patient, in accordance with institutional protocol.



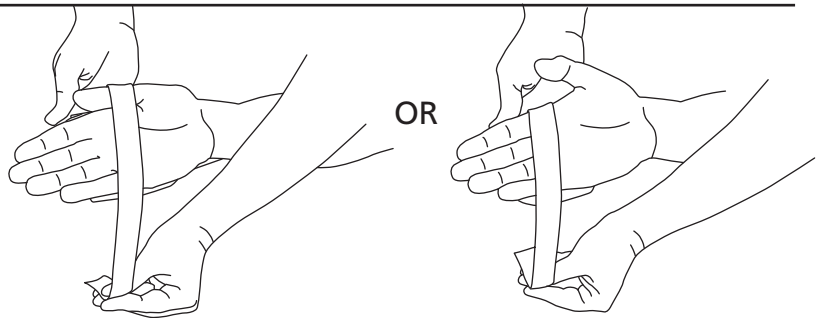
1. Place the hand onto the mBrace with the wrist at the apex of the brace. The hand should be placed on the larger side of the mBrace - note "Fingers" imprinted on the front edge of the plastic mBrace frame.



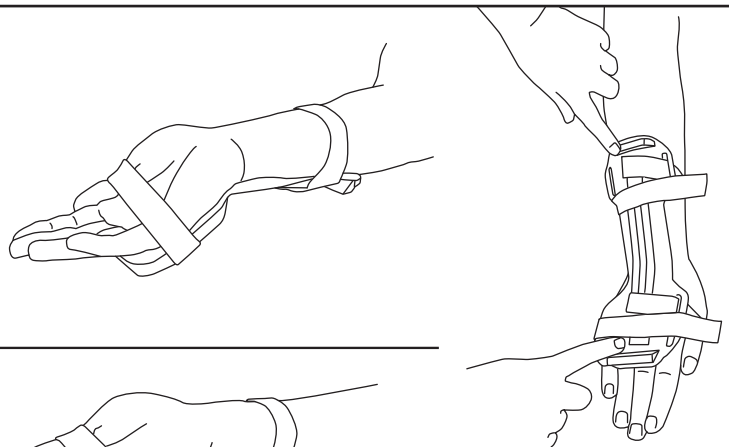
2. Wrap the arm strap snugly around the patient's forearm.



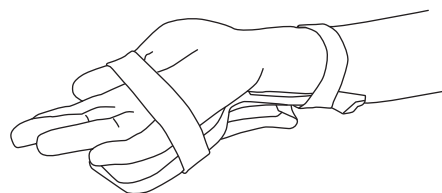
3. Wrap the hand strap over the hand and snugly around the patient's thumb to prevent hand pronation. Alternatively the strap can be wrapped only around the palm of the patient's hand.



4. The straps should fit snugly around the hand and forearm. Fasten the strap tips to the Velcro strips on the underside of the mBrace.



5. mBrace is now secured onto the patient's hand, which may then be secured to an armboard or the procedure table as per institutional practice.



6. Pull the strap tips away from the Velcro fastening strips to remove the mBrace from the patient.

