

Bendable ArmBoard



The Dale Bendable ArmBoards are covered in a soft, comfortable material, and fastened to the wrist with adjustable elastic straps with hook and loop closures. The ArmBoard can be custom shaped to any desired position and can be used for both arterial and peripheral IV lines.

Key Features

- ◆ Bendable inner core
- ◆ Comfortably maintains wrist at adjusted angle for insertion and maintenance
- ◆ Stabilizes the wrist
- ◆ Helps maintain skin integrity by eliminating the need for tape
- ◆ Improves patient comfort
- ◆ Tape free application
- ◆ Not made with natural rubber latex



MR Conditional, See Conditions For Use by visiting our website for detailed information on scanning safely with this device.

Product #	Description	Quantity
650	Large 23cm x 9cm (9" x 3.5")	10/box
651	Medium 13.7cm x 6.4cm (5.38" x 2.5")	10/box
652	Small 11.4cm x 4.4cm (4.5" x 1.75")	10/box
653	X-Small 10.8cm x 2.5cm (4.25" x 1")	10/box



Bendable ArmBoard

STUDIES HAVE SHOWN NURSES PREFER THE FLEXIBLE BENDABLE ARMBORARD AS IT CAN BE CUSTOM SHAPED TO ANY DESIRED POSITION. NURSES ALSO NOTED THAT THE SOFT STRAPS ELIMINATE THE NEED FOR TAPE AND HELP TO MAINTAIN SKIN INTEGRITY.¹

Features	Clinical Advantages
All-in-One System	■ Pre-assembled ■ Does not require additional supplies ■ Replaces improvised methods ■ Reduces hospital inventory: four sizes of products to fit most patients ■ Can be used with the Dale Transducer Holder for a Radial Arterial Line
Bendable Inner Core	■ Can be custom shaped to desired position ■ Useful for peripheral IV sites or arterial site stabilization ■ Can maintain an optimal wrist position for insert and maintenance for an extended period of time ■ 653 can be used on the wrist/heel
Soft Straps with Hook & Loop Closures	■ Securement allows for multiple thumb position options ■ Quick, tape-free application reduces the risk for skin breakdown ■ Accommodates most arm sizes ■ Does not bind or constrict in presence of edema ■ Allows for quick and easy site assessment ■ Closure can be engaged at any point for adjustability and repositioning
Improves Patient Comfort	■ Covered in plush, soft material with generous padding ■ Reduces time required for armboard application and readjustment ■ The patient will be less likely to “pick” at the IV site, keeping it viable longer ■ Increased patient movement with confidence of a stabilized line and no fear of line dislodgement ■ Provides fast positioning and stabilization following line placement
Not Made with Natural Rubber Latex	■ Eliminates patient and caregiver latex reactions

¹Nancy P. Hanrahan, Lisa Letourneau and Rachel Batty. Nurse Management of Radial Arterial Lines: Quality & Safety. American Journal of Nursing Research. 2022; 10(1):7-15. doi: 10.12691/ajnr-10-1-2

Learn More



DALE® BENDABLE ARMBOARDS

RECOMMENDED APPLICATION INSTRUCTIONS

1. Align wrist with ArmBoard and bend to desired position. Make certain that the product label is facing upward before resting the wrist/heel upon it.
2. Wrap straps around hand and board to desired **tension**. Fasten tab fasteners to secure.
3. This product is for single patient use.

PRODUCT FEATURES

- Limits movement of arterial and other peripheral lines.
- Easily shaped to desired position.
- Allows hyperextension of wrist to enhance radial arterial exposure.
- Adjustable closures and soft material assures fit and comfort.

MR CONDITIONAL

The Dale Bendable ArmBoard, #650 Large was determined to be MR-conditional. The findings of the MRI results for the dale 650 ArmBoard apply to the smaller versions (#651, #652, and #653) of the ArmBoards, made from the same materials.

Non-clinical testing demonstrated that the Dale Bendable ArmBoard, #650 Large is MR Conditional. A patient with this device can be scanned safely immediately after placement under the following conditions:

STATIC MAGNETIC FIELD

- Static magnetic field of 3-Tesla or less
- Maximum spatial gradient magnetic field of 720-Gauss/cm or less

MRI-RELATED HEATING

In non-clinical testing, the Dale Bendable ArmBoard, #650 Large produced the following temperature rise during MRI performed for 15-min of scanning (i.e., per pulse sequence) in the 3-Tesla (3-Tesla/128-MHz, Excite, HDx, Software 14X.M5, General Electric Healthcare, Milwaukee, WI) MR system:

Highest temperature change +2.6C

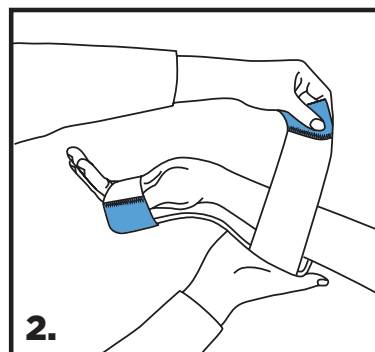
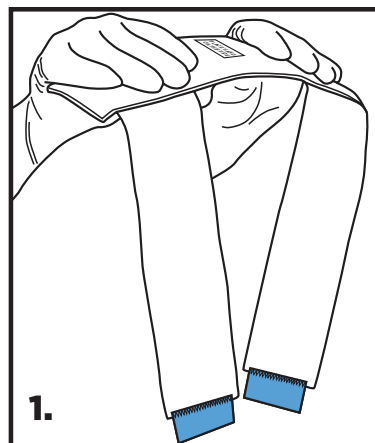
Therefore, the MRI-related heating experiments for the Dale Bendable ArmBoard, #650 Large at 3-Tesla using a transmit/receive RF body coil at an MR system reported whole body averaged SAR of 2.9-W/kg (i.e., associated with a calorimetry measured whole body averaged value of 2.7-W/kg) indicated that the greatest amount of heating that occurred in association with these specific conditions was equal to or less than +2.6C.

ARTIFACT INFORMATION

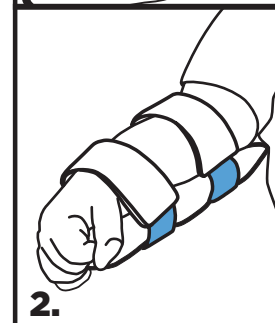
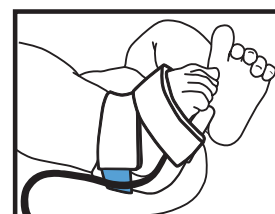
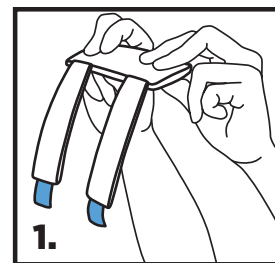
MR image quality may be compromised if the area of interest is in the exact same area or relatively close to the position of the Dale Bendable ArmBoard, #650 Large. Therefore, optimization of MR imaging parameters to compensate for the presence of this device may be necessary. The maximum artifact size (i.e., as seen on the gradient echo pulse sequence) extends approximately 20-mm relative to the size and shape of the Dale Bendable ArmBoard, #650 Large.

Pulse Sequence	T1-SE	T1-SE	GRE	GRE
Signal Void Size	16,961-mm ²	1,773-mm ²	20,816-mm ²	2,224-mm ²
Plane Orientation	Parallel	Perpendicular	Parallel	Perpendicular

Adult



Pedi/Neonate



Sizes Available

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MR Conditional

(Also see conditions for use in dispenser box)

Dale

800-343-3980
www.dalemed.com

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