

NeoMagic®

A family of Neo Medical Inc.



Neonatal Vascular Access Products



NeoMagic®

The Neo-Magic® line of vascular access devices and accessories are designed specifically for neonatal patients. At Neo Medical, we value input from clinicians and focus our efforts on creating specialized products that address the unique challenges of caring for this patient population.



1.9 Fr Neonatal PICC

Our flagship product, the Neo-Magic® 1.9 Fr Peripherally Inserted Central Catheter (PICC) is available in catheter lengths from 15 – 40 cm and with or without a stiffening stylet to ease insertion.[1]

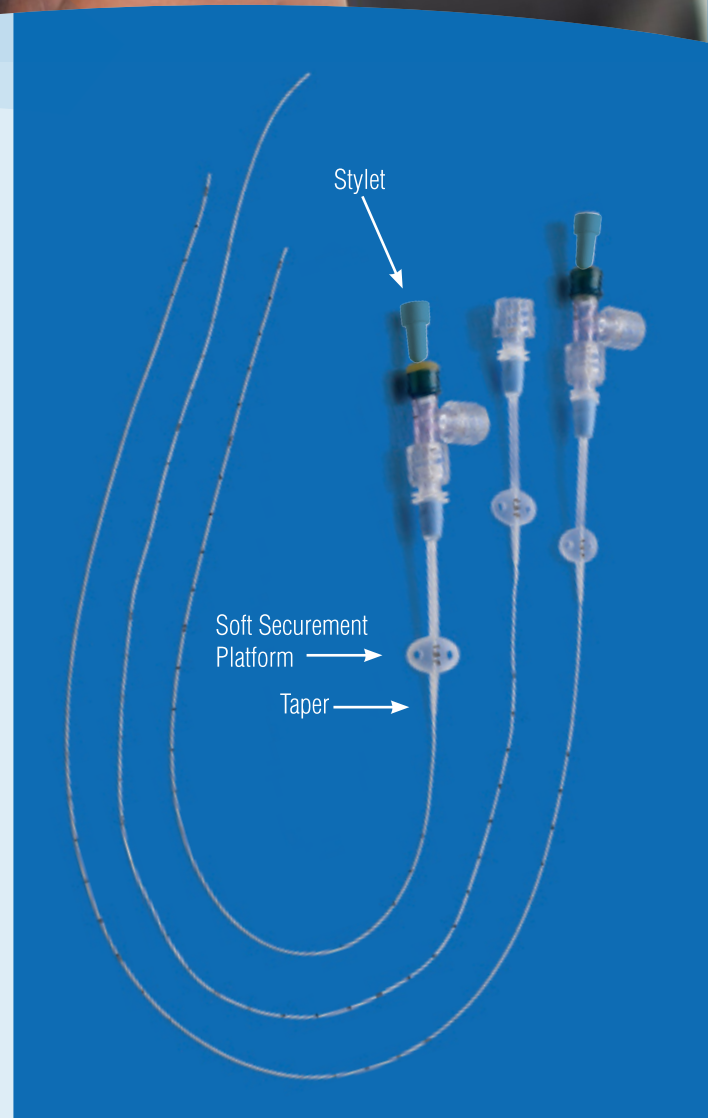
The latest manufacturing techniques, combined with the proven material advantage of silicone and polyurethanes, our new designs overcome many of the issues involved in the early development of PICC lines.

Created with patient safety and comfort in mind it features a tapered strain relief to protect the most vulnerable area of the catheter.

A soft securement platform with a flat surface on the bottom, compatible with the StatLock® PICC II securement device, provides comfort and minimizes the risk of skin breakdown.

The low profile, internally tapered hub provides easy insertion of a soft-tipped guidewire to facilitate catheter repositioning if required.

These advantages have resulted in one of the lowest complication rates on any neonatal PICC in the market.



1.9/2.0 Fr 27ga Introducers and 30ga MST Kit

At Neo Medical, we know that vascular access starts with the right introducer. To compliment our catheters, we now offer a series of introducers designed just for small patients.

Neo Medical knows that not all introducers fit all caregiver's needs.

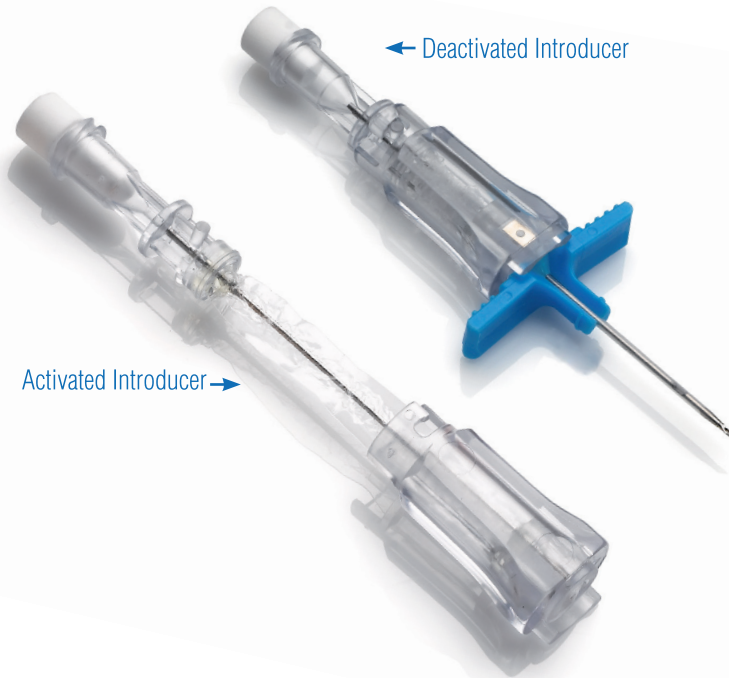
That is why the Neo-Magic® product-lineup offers four options.

1.9/2.0 Fr 27ga Safety over-the-needle (OTN) Introducer

The 1.9/2.0 Fr 27ga Safety OTN Introducer is built to provide easy access for the introduction of small (1.9 / 2.0 Fr) catheters.

The sheath/needle transition is snug and the sheath is lubricated to make insertion through the skin and into the vein ultra-smooth. Through-the-sheath flash technology provides instant visual feedback for verification of vein entry. In addition, a funneled entry eases catheter threading.

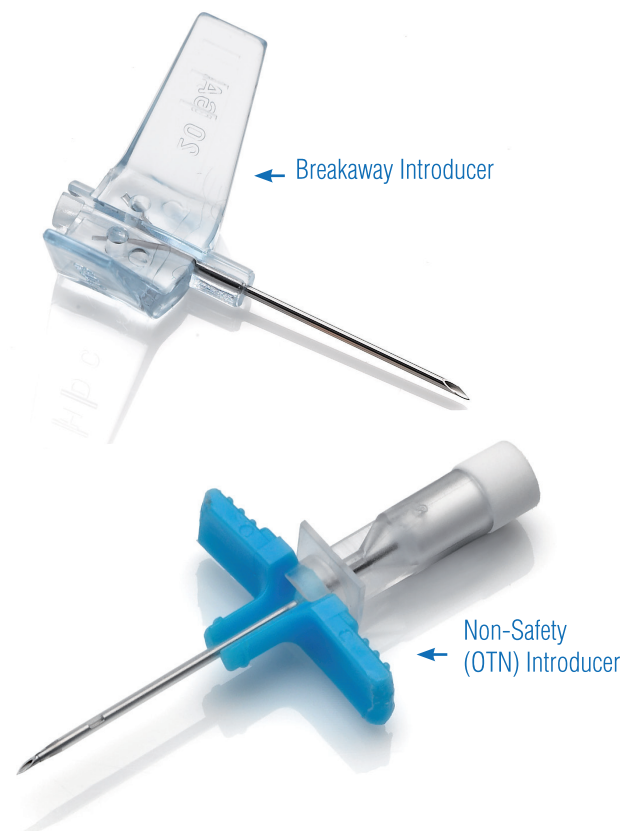
The patented very reliable user-activated safety feature eliminates any early activation, protects against accidental needlestick injury, and covers the needle to protect from accidental mucocutaneous blood exposure.



Breakaway and Non-Safety 27ga over-the needle (OTN) Introducers

Neo Medical's breakaway introducer needle continues to provide an option for difficult vein access. Its translucent hub allows rapid confirmation of blood return on vein access.

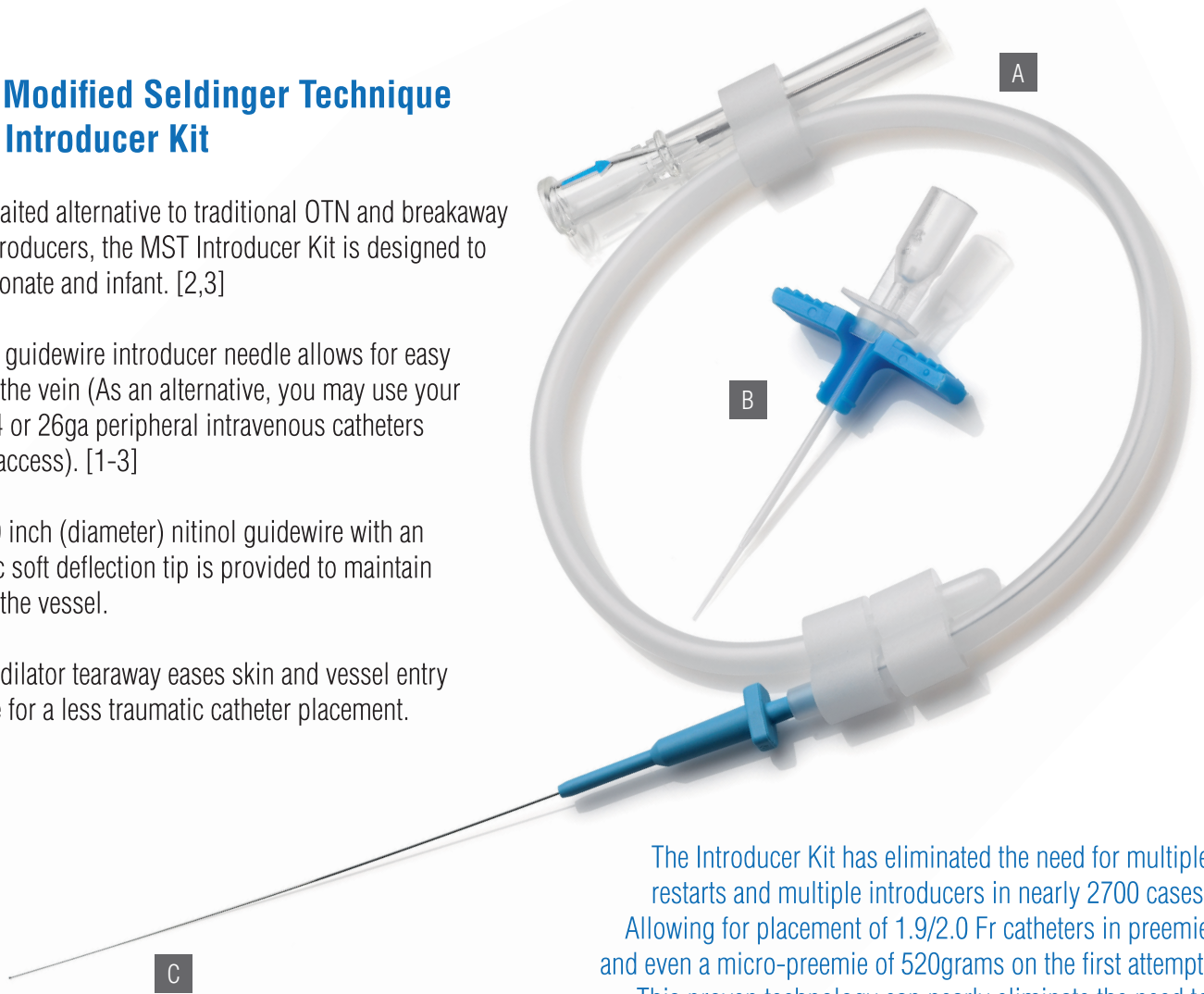
Our non-safety 27ga OTN has the features found in our Safety OTN design.



1.9/2.0 Fr Modified Seldinger Technique 30ga MST Introducer Kit

A long awaited alternative to traditional OTN and breakaway needle introducers, the MST Introducer Kit is designed to access neonate and infant. [2,3]

- A** The small guidewire introducer needle allows for easy access to the vein (As an alternative, you may use your current 24 or 26ga peripheral intravenous catheters to obtain access). [1-3]
- B** The 0.010 inch (diameter) nitinol guidewire with an atraumatic soft deflection tip is provided to maintain access in the vessel.
- C** The 30ga dilator tearaway eases skin and vessel entry to provide for a less traumatic catheter placement.



The Introducer Kit has eliminated the need for multiple restarts and multiple introducers in nearly 2700 cases. Allowing for placement of 1.9/2.0 Fr catheters in preemie and even a micro-preemie of 520grams on the first attempt. This proven technology can nearly eliminate the need to consider using less than optimum sized micro PICC lines (1.2Fr or 1.1Fr)

1.9 Fr Extended Dwell PIV *Extended Dwell Peripheral Intravenous Catheter (PIV)*

The Extended Dwell PIV is offered in a 6-8 cm length catheter.

Allowed for use up to 29 days it is designed to eliminate the use of PIV's in the neonatal setting and improve the outcomes of many therapies where a PICC line is not necessary. It is the perfect alternative to traditional peripheral intravenous catheters for neonatal and pediatric patients.

The length and softness of the catheter material contribute to its use for greater dwell times in patients with fragile veins/skin, or difficult peripheral access.

The catheter is inserted using the appropriate introducer of your choice. Choose from an OTN introducer or MST introduction method.





Neo Medical serves the long-term and midterm vascular access catheter markets for neonatal, pediatric and adult patients.

Accessories

A Catheter Trimmer

Our catheter-trimming device ensures a clean cut at the desired length of the catheter to approximate the tip of the catheter as manufactured.

B Magnifying Glass

Developed to assist the clinician in identification of small markings on the catheter.

C Slide Clamp

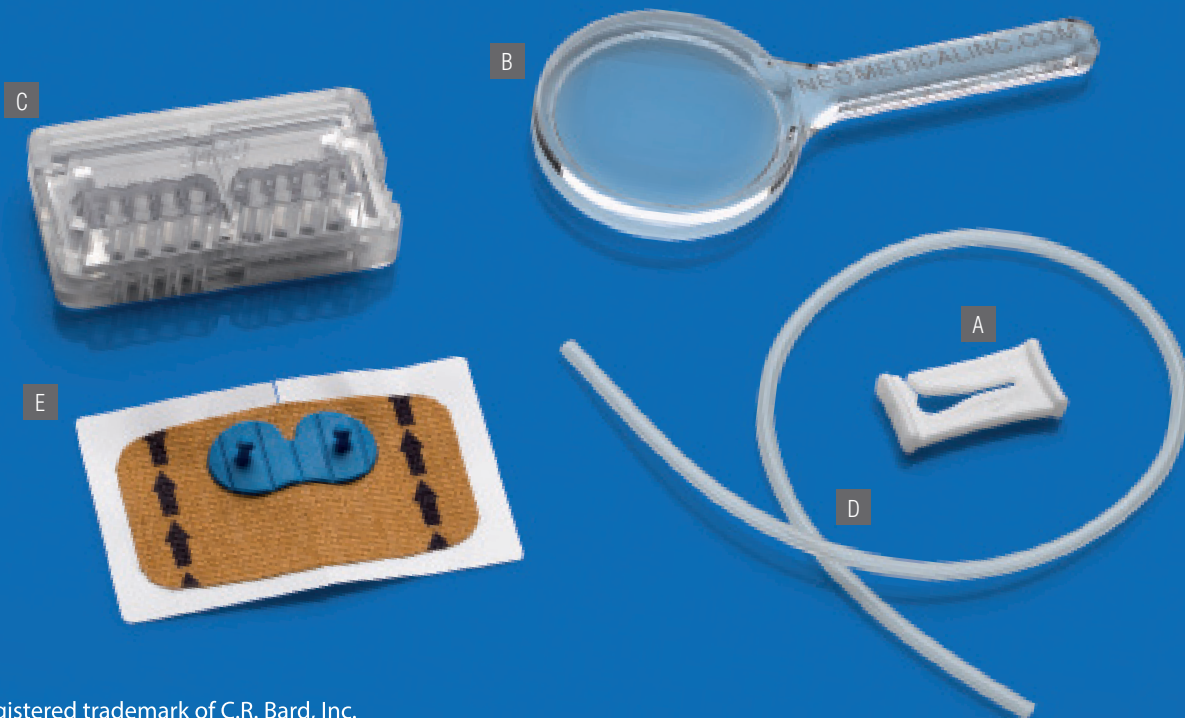
For clinicians who are more comfortable clamping a catheter a slide clamp has been created to be compatible with the Neo-Magic® 1.9 Fr PICC.

D Tourniquet

Our unique non-latex tourniquet is designed and sized for use when accessing the veins of neonates, infants, and small children.

E Securement Device

You can count on the StatLock® securement device for reliable securement designed for neonates and pediatric patients. A fixed-post configuration secures the catheter and prevents catheter migration and pistoning at the insertion site[4].

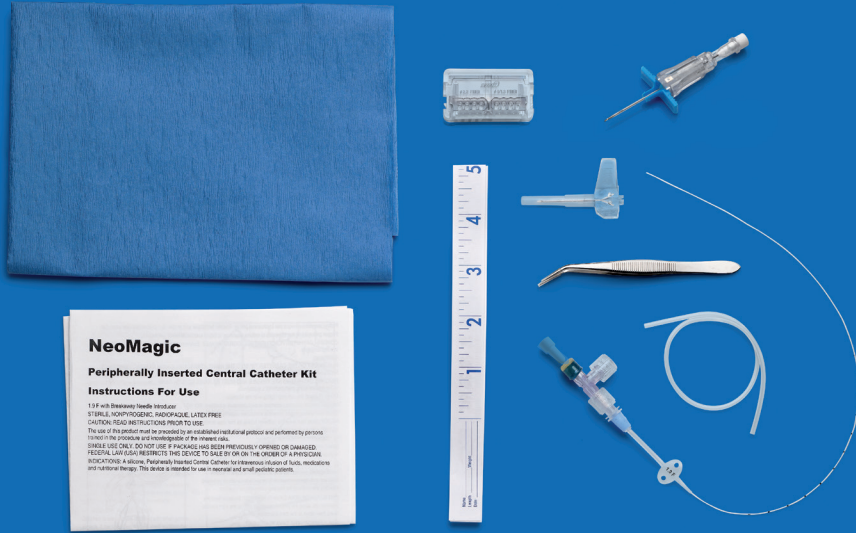


StatLock® is a registered trademark of C.R. Bard, Inc.

References:

1. Wyckoff, M. and J. Pettit, Peripherally Inserted Central Catheters, Guidelines for Practice, 2nd ed 2007, Glenview, IL: National Association of Neonatal Nurses.
2. Nichols, I. and D. Doellman, Pediatric peripherally inserted central catheter placement: application of ultrasound technology. J Infus Nurs, 2007. 30(6): p. 351-6.
3. Pettit, J., Technological advances for PICC placement and management. Adv Neonatal Care, 2007. 7(3): p. 122-31.
4. Schears, G.J., Summary of product trials for 10, 164 patients: comparing an intravenous stabilizing device to tape. Journal of infusion nursing : the official publication of the Infusion Nurses Society, 2006. 29(4): p. 225-31.

Basic Kit



1. 1.9 Fr Neo-Magic® Catheter of Choice
2. Introducer of Choice
3. Basic Insertion Components
 - (1) Paper Ruler 24"
 - 15" X 15" sterile wrap
 - Catheter Trimmer
 - 4" Covered Forceps
 - Non-Latex Tourniquet
4. Instructions For Use

Contents are subject to change

Complete Kit



1. 1.9 Fr Neo-Magic® Catheter of Choice
 2. Introducer of Choice
 3. Neonatal Insertion Kit
 - (2) Paper Ruler 24"
 - Transparent Dressing
 - 30" X 30" Blue Wrap
 - 3m Steri-strips, 1/4 X 3
 - 4" Covered Forceps
 - Catheter Trimmer
 - Non-latex Tourniquet
 - Filter Needle
 - 5cc Syringe
 - 2" X 2" 8 Ply Gauze Sponges
 - 4" X 4" 8 Ply Gauze Sponges
 4. Instructions For Use
- PVP Swabsticks (package of 3)
 - Isopropyl Alcohol Swabsticks
 - White Towels
 - Fenestrated (1.5") Drape
 - 10cc Syringes with Needles
 - Skin Prep Pad
 - Scissors
 - Slide Clamp

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Custom Kits

Neo Medical offers a variety of standard kits. In addition, we are pleased to be able to offer clinicians the opportunity to design a kit that meets their unique needs. Our professional Sales Associates are able to work with you at any time to facilitate kit creation.

Neo-Magic® is a complete line of products aimed exclusively at neonatal and pediatric vascular access. We offer PICCs, Introducers, and Midline products.

For more information on Neo-Magic® products contact us at:

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