



NEONATOLOGY
Modified Seldinger Technique kit



microsite®



Value Life

● **MST: Modified Seldinger Technique** for PICC placement



International recommendations

“MST [...] reduce CLABSI when used appropriately”; “Using MST [...] allows a smaller introducer to be used”⁽¹⁾

“Advantages of MST include increased success rates of PICC insertion, less venous trauma and decreased insertion complications [...]”⁽²⁾



● **microsite**: a MST introducer kit for neonatal PICCs



micro**site** ensures accuracy

- Thin 24G puncture needle ideal for reaching small vessels
- Transparent hub of the puncture needle allowing an immediate visualization of the blood flashback
- Black marking of the guidewire allowing to know when the guidewire is in the vessel

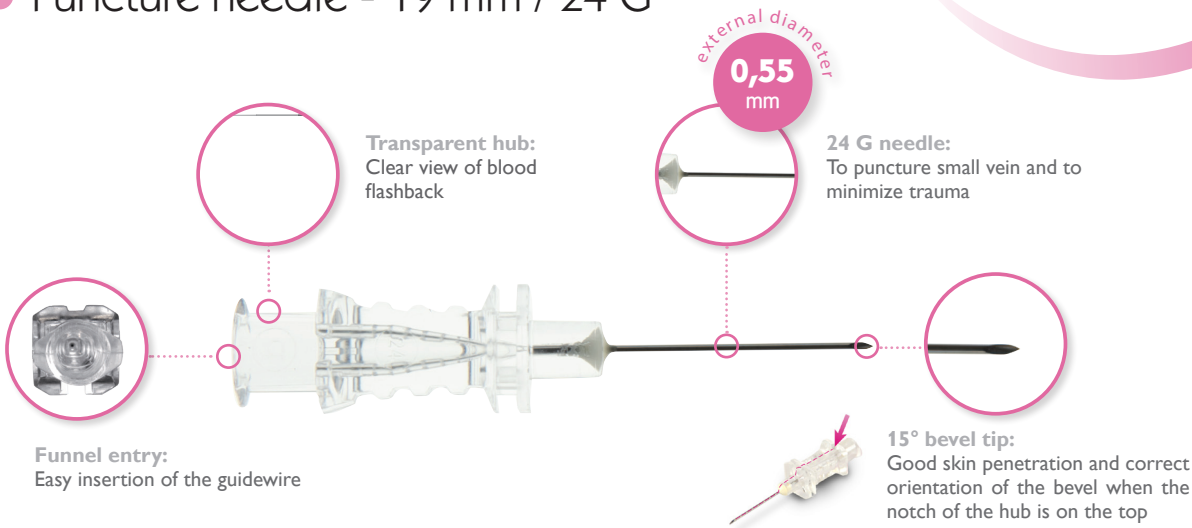
micro**site** minimizes venous trauma

- Thin 24G needle for a micropuncture
- Ball-head anti-kinking guidewire to secure the venous access atraumatically
- Tapered peelable sheath for a smooth dilation

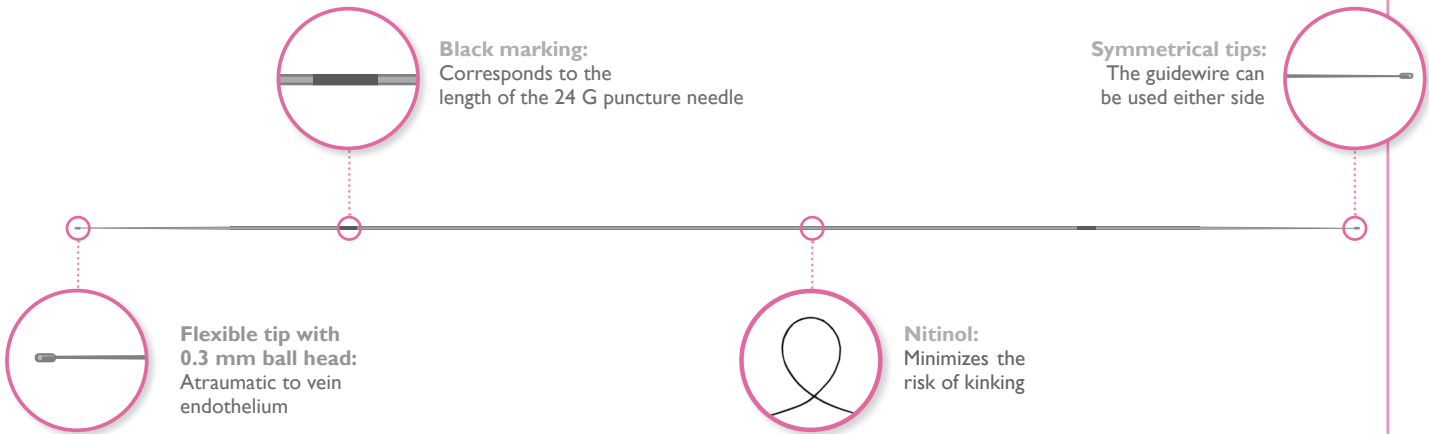
micro**site** increases success insertion rate on the first attempt

- Even if the vessels are small or in bad conditions
- Even if the veins are difficult to visualize
- Even if there is a high risk of venous collapse

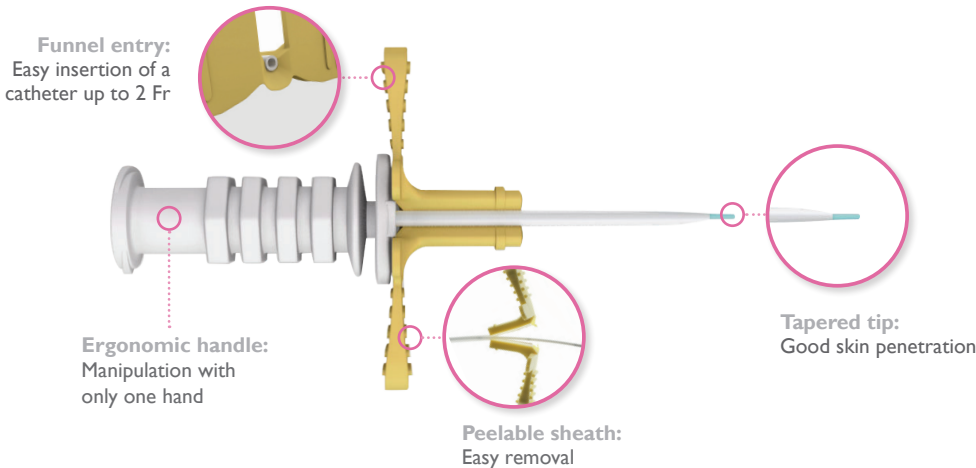
● Puncture needle - 19 mm / 24 G



● Symmetrical Nitinol guidewire - 20 cm



● Sheath dilator for 1 Fr & 2 Fr catheters - 18 mm / 20 G

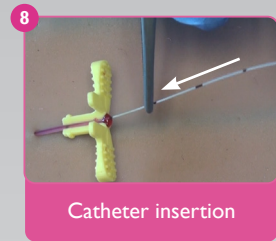
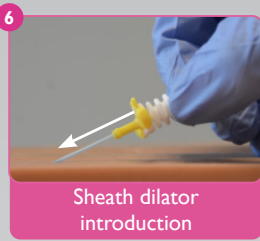
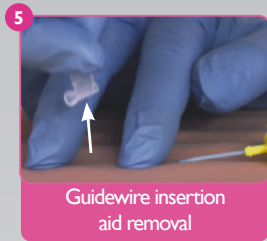
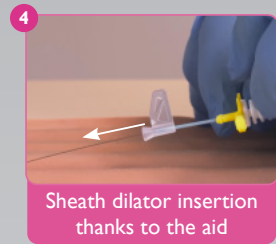
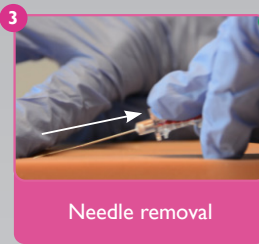
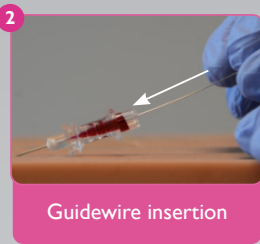
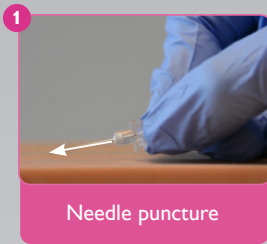


● Guidewire insertion aid



Funnel shape:
Ease the insertion of the sheath dilator over the guidewire

Procedure



microsite: Technical features

Designation & Code	Size		Indication	Compatible with	Quantity
	puncture needle	peelable sheath			
microsite 1147.02	External diameter		For the insertion of 1 Fr & 2 Fr catheters	premistar premicath epicutaneo cave epicutaneo2 nutriline nutriline twinflo	10/box
	0.55 mm	1.1 mm			
	Internal diameter				
	0.4 mm	0.7 mm			

References

- (1) NANN. Peripherally Inserted Central Catheters: Guideline for Practice, 3rd Edition, 2015
- (2) Modified Seldinger Technique with Ultrasound for PICC Placement in the Pediatric Patient: A Precise Advantage. Darcy Doellman et al. JAVA (2009) 14 (2): 93-99

OBSTETRICS NEONATOLOGY ENTERAL

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