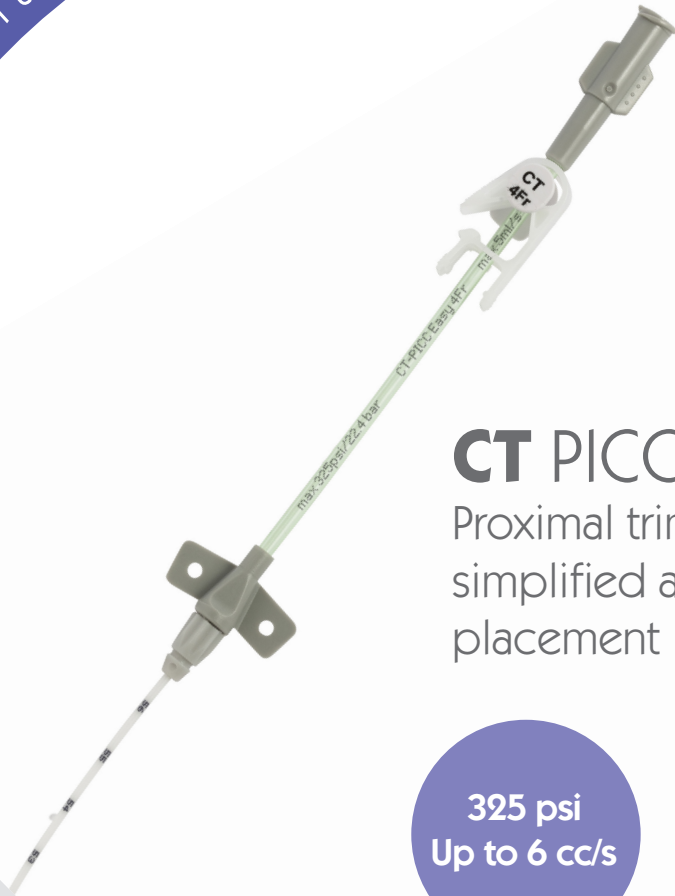




# VASCULAR ACCESS

## Peripherally Inserted Central Venous Catheter



### CT PICC easy

Proximal trimming for  
simplified and accurate  
placement

325 psi  
Up to 6 cc/s



Value Life

# CT PICC easy

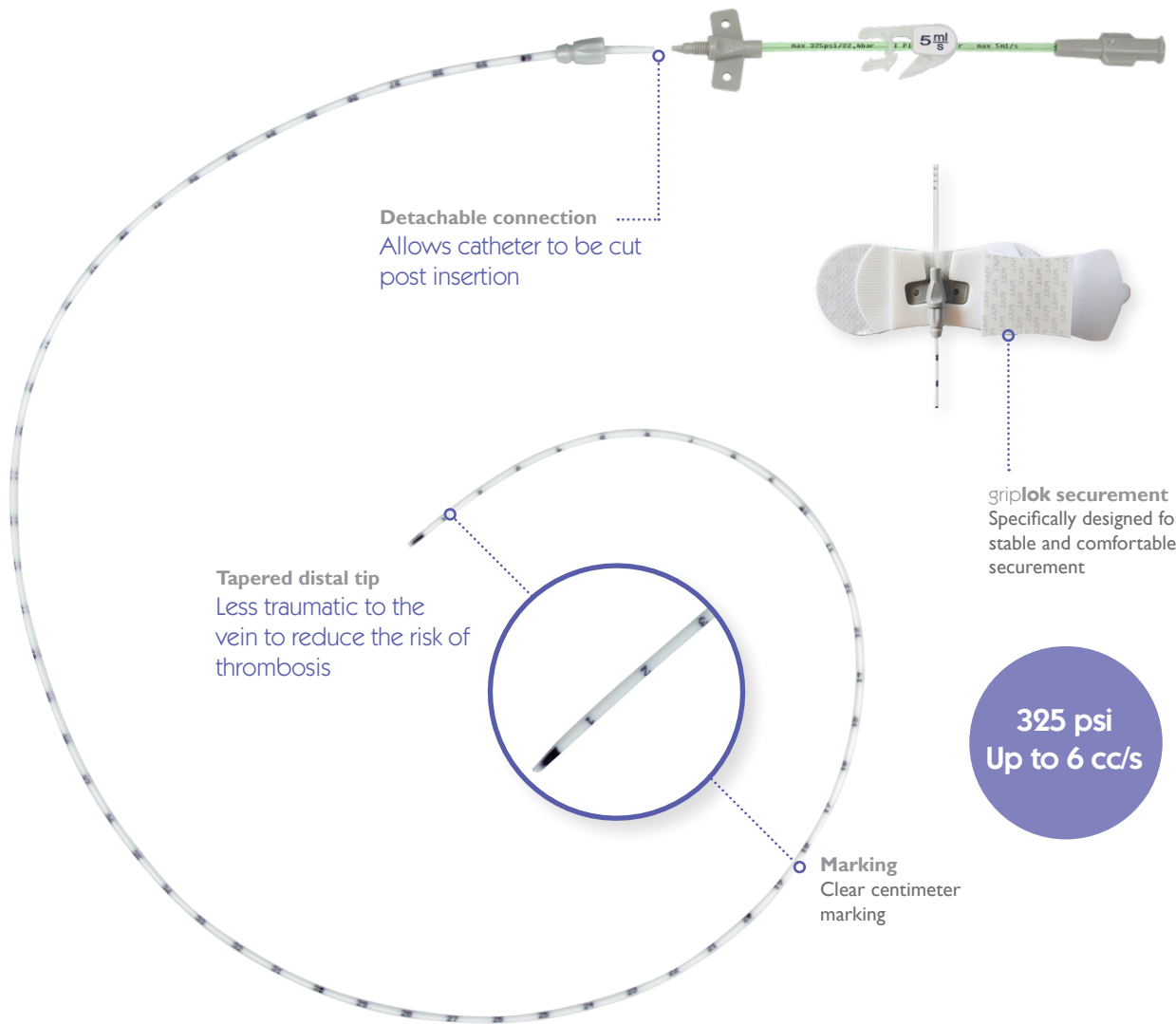
CT PICC easy is a unique polyurethane PICC-Line with **proximal trimming**:

- **Making easier and more accurate** its insertion using conventional or ECG technique (no need to cut the catheter before insertion)
- Preserving the integrity of the tapered distal tip: **less traumatic for the vein** and minimising the risk of thrombosis

CT PICC easy is compatible with pressure injection up to **6cc/s** and **325 psi** (22,4bars)

Parameters	Angiography	CT	MRI
Flow rates	0-40 cc/s	0,1-7 cc/s	0,1-7 cc/s
Injectors pressure limit	1200 psi	325 psi	325 psi

Source : ECRI Report 2009 : Injectors, Contrast Media, Angiography, CT



## Highest flow rate up to 6cc/s:

- makes possible the CT examination of a wider number of organs<sup>(1)</sup>
- allows better quality image and tissue visualisation

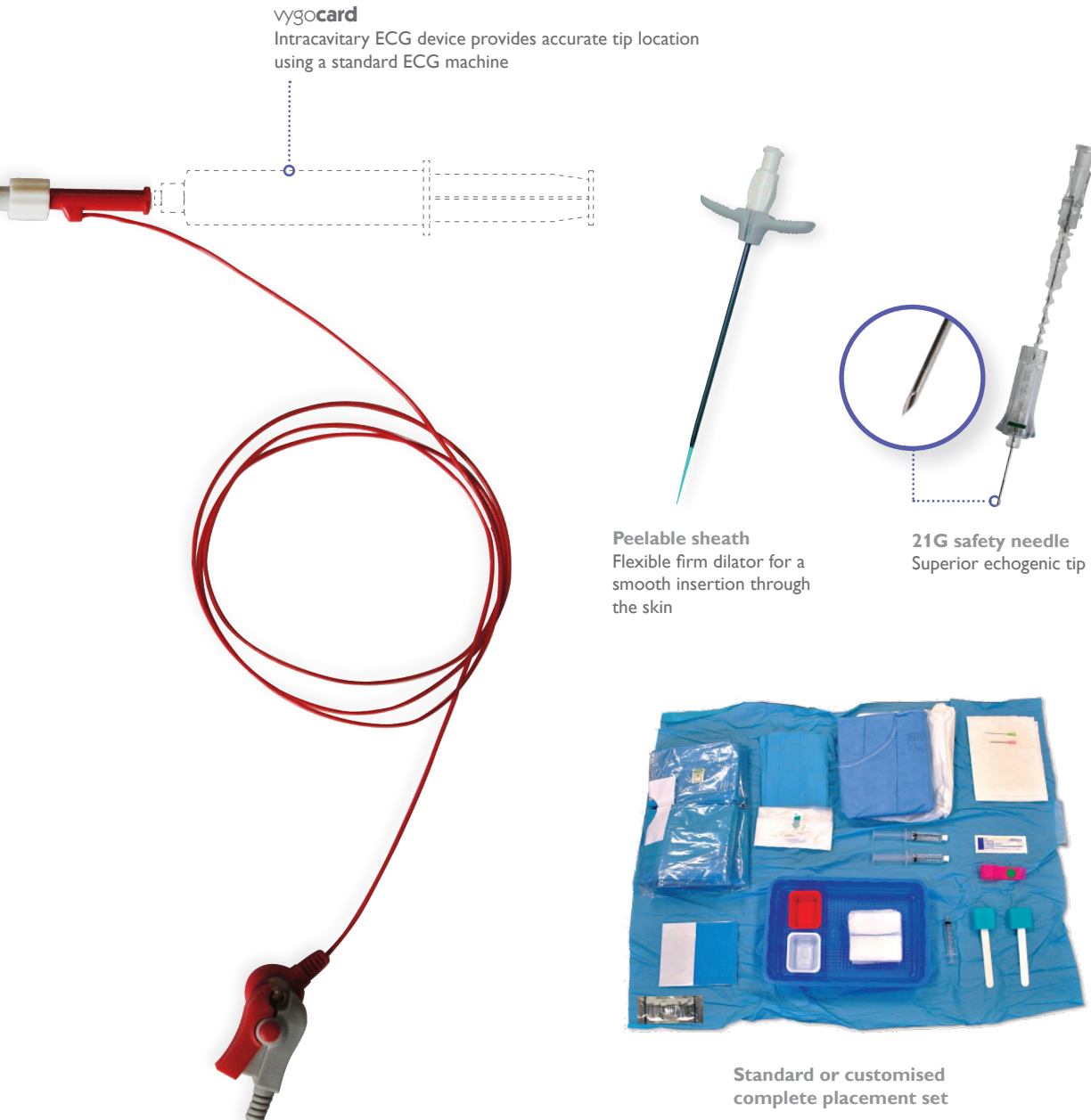
## Meet the next generation of 325 psi scan injector specification<sup>2</sup>

- Safer for the patient
- Safer for the radiology technician

# Catheter positioning with ECG

This technique uses the variations of the P wave amplitude when the catheter, acting as an intravascular electrode, gets closer to right atrium.

- Allows the monitoring and adjustment of the catheter tip position in real time very precisely <sup>(1)</sup>
- Eliminates the use of fluoroscopy during placement (ESPEN directives 2009) <sup>(2)</sup>
- Avoids central catheter repositioning <sup>(3)</sup>
- Possibility to monitor catheter position any time post-insertion <sup>(3)</sup>



## Ultrasound PICC placement

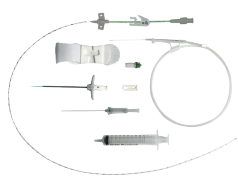
The Risk of Bloodstream Infection in adults with different Intravascular devices: a systematic review of 200 published prospective studies. Maki G. et al., Mayo Clin Proc, 2006.  
The use of ultrasound to improve practice and reduce complication rates in peripherally inserted central catheter insertions: final report of investigation. Stokowski G. et al. Journal of Infus Nurs, 2009.  
Ultrasound guidance for placement of central venous catheters: a meta-analysis of the literature. Randolph AG et al. Crit Care Med., 1996.

## ECG technique

- (1) The intracavitary ECG method for positioning the tip of central venous catheters: results of an Italian multicenter study. Pittiruti M. et al. The journal of vascular access, 2012 Feb. 8.
- (2) ESPEN Guidelines on parenteral nutrition: Central Venous catheters. Clinical nutrition, 2009.
- (3) Electrocardiogram (EKG) Guided Peripherally Inserted Central Catheter Placement and Tip Position: Results of a Trial to Replace Radiological Confirmation. Nancy L. Moureau et al. JAVA15-1-3 2010.

## CT PICC easy

PICC trays including accessories for Micro-Seldinger technique placement.

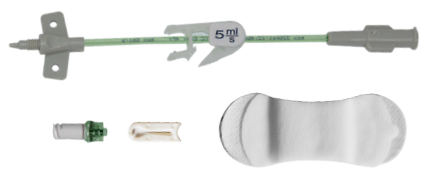
Catheter			Maximum indicated power injection flow rate	Maximum pressure	Product codes	
Ø	External Ø (mm)	Internal Ø (mm)				
3Fr	1.0	0.6	1 ml/s	325 psi (22.4 bar)	V021292213	
4Fr	1.35	0.9	5 ml/s	325 psi (22.4 bar)	V021292214	
5Fr	1.67	1.1	6 ml/s	325 psi (22.4 bar)	V021292215	

### Micro Seldinger kit:

- 1 totally radiopaque catheter (60cm long) in biostable polyurethane with temporary wings
- 1 metallic stylet to make the catheter more rigid and thus make insertion easier
- 1 «T» proximal connector. The lateral port of the T connector can be used to inject saline solution
- 1 detachable extension line with a Robert clamp
- 1 safety introducer needle 21G x 7cm
- 1 straight Nitinol guidewire 50cm, 0.018"
- 1 peelable sheath + dilator
- 1 Luer slip syringe 10 ml
- 1 slide clamp
- 1 measuring tape
- 1 griplok securement device
- 1 Bionector
- 1 safety scalpel


## Repair kits

Trays including extension line and accessories for PICC line repair.

Catheter Ø	Product codes	
3Fr	1293.203	
4Fr	1293.204	
5Fr	1293.205	

## Intracavitary ECG derivation device

Used with an ECG machine (ex. **nautilus**) for non-radiographic check of central venous catheters position.

Name	Type	Connection	Product code	
Vygoncard	With column of saline	Luer-lock	9164.002	

## INTRAVASCULAR THERAPIES

For further information, please contact: [marketingbenelux@vygon.com](mailto:marketingbenelux@vygon.com)

The specifications shown in this leaflet are for information only and are not, under any circumstances, of a contractual nature.

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