

TECHNICAL FILE
Lifecath PICC with MST (guidewire 50 cm)
 1294.345

Dated : 06-01-2021

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1 Administrative information relating to the company

1.1	Name : Vygon	
1.2	Address : 5 rue Adeline - 95440 Ecouen, France	Fax : + 33 (0)1 34 29 19 34 E-mail : questions@vygon.com Website : www.vygon.com
1.3	Medical Device vigilance Representative : Laurent GUILLARDEAU	Tel : +33 (0)1 39 92 65 69 Fax : +33 (0)1 39 92 64 82 E-mail : quality@vygon.com

2 Information about the device or equipment

2.1	Generic name : Peripherally inserted central venous catheter
2.2	Commercial name : Lifecath PICC with MST (guidewire 50 cm)
2.4	Medical Device Class : III Applicable regulation : 93/42/CEE in accordance with Appendix n° : VIII Notified body N° : 0481 Medical Device Manufacturer : Vygon

2.5 Description of the device :

Lifecath PICC is a peripherally inserted central catheter (basilic vein, cephalic vein, median cubital vein...) in biostable polyurethane available as single or double lumen catheter. This catheter is inserted with a MST peelaway introducer (Micro-Seldinger technique) allowing to puncture the vein with a very thin needle (21 G).

Lifecath PICC code 1294.113/114/115 is a single lumen catheter in 3 Fr, 4 Fr and 5 Fr.

Lifecath PICC code 1294.345 is a double-lumen catheter in 4.5 Fr.

Lifecath PICC is supplied in a double packaging (peel-pack + rigid blister pack in APET) containing :

- 1 radiopaque catheter in biostable polyurethane. This material allows to keep the catheter in place over a long period of time of many months if necessary. The catheter features centimetric graduations and numerical markings every 5 cm. The polyurethane extension tube (length 9 cm) is an integral part of the catheter.
- 1 stainless steel stylet making the catheter slightly more rigid to facilitate its insertion
- 1 "T" piece proximal adapter allowing the injection of saline solution through the lateral port to prime the catheter or to open the passage in case of venous spasm and to lubricate the stylet for easy removal.
- 1 Micro-Seldinger introducer (see hereunder the components of this introducer)
- 1 Bionector code 896
- 1 measuring tape
- 1 Griplock securement device
- 2 traceability labels

The Micro-Seldinger introducer includes :

- 1 echogenic safety puncture needle 21G (to avoid the risk of needle-stick injury)
- 1 syringe 10 ml
- 1 Nitinol straight guidewire (50 cm long)
- 1 guide advancer
- 1 peelaway Desilet 7 cm
- 1 scalpel

Lifecath PICC can be used for periods of a few weeks (2 or 3) to several months.

It is suitable for both hospitalised patients and home treatment.

PICC candidates :

- Radiation, burns, trauma, surgical procedures ... involving the chest and neck area
- Patients with respiratory problems or tracheostomized patients
- Limited availability of peripheral access negating opportunity for peripheral site rotation

Advantages of PICC catheters:

- Avoids repeated and painful venipunctures with I.V. cannulae and the trauma associated with these punctures, as well as damage and loss of peripheral veins.
- Peripheral insertion of a central venous catheter reduces potential risks in comparison to jugular or subclavian insertion (pneumothorax, haemothorax, arterial puncture, pinch-off syndrome in a clavicular approach, air embolism, etc.)
- The catheter can be inserted outside the operating theater (at bedside or at home).

Lifecath PICC is also available with :

- a peelaway short IV cannula introducer : see technical file codes 1294.13/14/15/245
- a MST introducer with 67 cm long guidewire for placement under fluoroscopy : see technical file codes 1294.414/415/445
- a MST introducer with 135 cm long guidewire for placement under fluoroscopy and over the wire : see technical file codes 1294.514/515/545

Box

lifecath picc pur



REF 1294.345

(PUR) 4,5Fr 2L 60cm

Catheter Set with breakaway sheath for MST
 Katheterset mit spaltbarem Einführbesteck für MST
 Cathéter avec introducteur pelable pour MST
 Catéter con faja pelable para MST
 Set con catetere e introduttore a guaina apribile per MST
 Catheter set met splijtbare introducer voor MST
 Conjunto de cateter com introdutor descartável para MST
 Kateter kit med breakaway sheath för MST

Rx Only
 USA Only



STERILE EO



CE 0481

lifecath picc pur

REF 1294.345

LOT 250515GA

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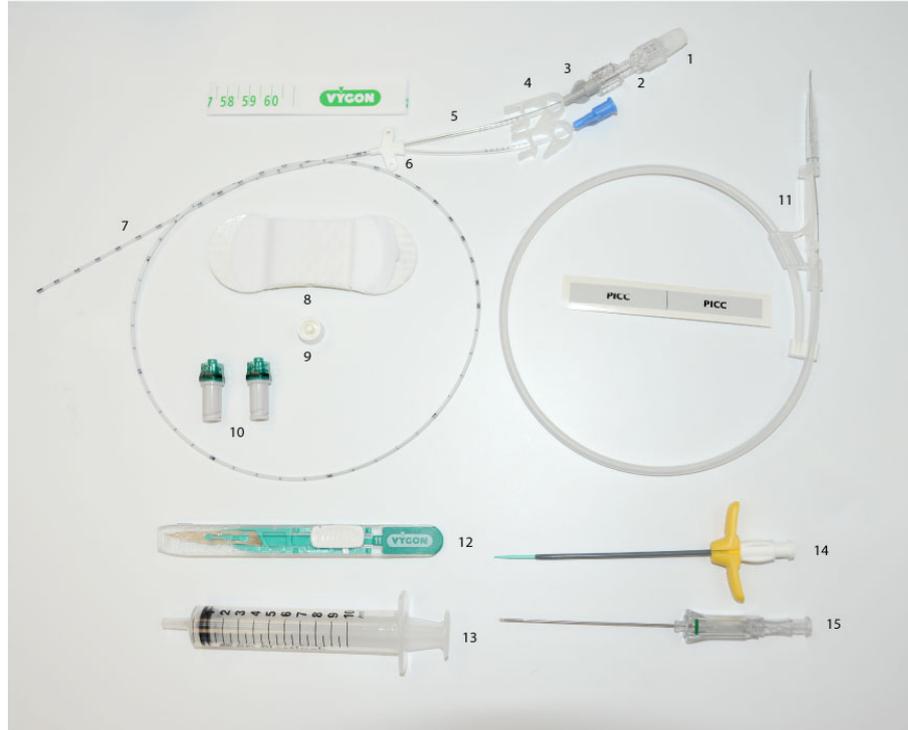
(01)53660812067671(17)200630(30)10(10)250515GA

Technical features :

Code	Catheter						Guidewire	
	Length cm	Ext. Ø mm	Ø Fr	Prim. vol. ml	Flow rate by gravity ml/min	Lumen -	Length cm	
1294.345	60	1.5	4.5	0.51 (x2)	8.2 (x2)	2	50	

2.7 Composition of the device and Accessories :

COMPONENTS	MARKER	MATERIALS
Stylet / hub	1	POM / Stainless steel
Proximal T connector	2	PC
Catheter hub	3	PA
Clamp	4	PC
Extension tube	5	PU
Fixation wings	6	PU
Catheter tube	7	PU
Griplok	8	PP/Acrylic/PU/Polyester
Cap	9	PE
Bionector	10	PC/Stain. steel/Polyisoprene
Guide and guide advancer	11	PP/PE/Nitinol/ABS
Scalpel	12	Stainless steel
Syringe	13	PP
Peelaway Desilet	14	PP/PTFE/PE
Puncture needle	15	MABS/Stainless steel/PES/PE



For components which are likely to come into contact with the patient and/or administered products, additional points :

- Latex-free
- DEHP-free
- Does not contain any products of animal or biological origin
- Pyrogen-free

2.8 Indications :

- Peripherally inserted central venous catheter for mid- to long-term (>30 days) IV therapy and in particular :
- Administration of hyperosmolar solutions, antibiotics, chemotherapy and other drugs which are irritant to the peripheral vessels
 - Temporary catheterisation while awaiting insertion of a long-term catheter with sub-cutaneous cuff or one with an implantable port
 - Patients with injuries or burns to the chest and neck, patients who are to undergo radiotherapy on this area or patients who are suffering from respiratory problems.

3 Accessories

4 Sterilization process

Sterile Medical Device : YES
Sterilization made for the device : Ethylene oxide

5 Conditions of conservation and storage

5.1 Normal conservation and storage conditions :
 Storage environment temperature: between 5 and 40°C. Store protected from moisture and sunlight.

5.2	
5.3	Duration of product validity : 36 months

6 Security of use

	<p>Technical security : Meets the requirements of ISO 10555</p> <p>Biological security : Meets the requirements of ISO 10993</p>
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7 Instructions for use

7.1	
7.2	<p>Indications : Peripherally inserted central venous catheter for mid- to long-term (>30 days) IV therapy and in particular :</p> <ul style="list-style-type: none"> - Administration of hyperosmolar solutions, antibiotics, chemotherapy and other drugs which are irritant to the peripheral vessels - Temporary catheterisation while awaiting insertion of a long-term catheter with sub-cutaneous cuff or one with an implantable port - Patients with injuries or burns to the chest and neck, patients who are to undergo radiotherapy on this area or patients who are suffering from respiratory problems.
7.3	<p>Precautions : Re-use of this device may change its mechanical or biological features and may cause device failure, allergic reaction or bacterial infections.</p>
7.4	

8 Additional information relating to the product

	Do not use this product for monitoring, diagnosis, control or treatment of a defect of the heart or the central venous system.
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