

# NeutraClear®

THE closed system  
which guarantees  
**neutral displacement** and  
**complete transparency**  
to prevent catheter-related  
bloodstream infections



# —● NeutraClear®

## FOR HEALTHCARE PROFESSIONALS

► Guarantees that best practices are followed

### ● Needleless connector

- Eliminates risk of:
- Blood exposure injuries (guidelines 2010/32/UE)
  - Chemical contaminations

### ● Completely transparent needleless connector

- Ensures best hygiene practices<sup>(1)</sup>
- Recommended by experts<sup>(2)</sup>

### ● The 6<sup>th</sup> evidence-based recommendations

- 1 ● Perform hand hygiene before catheter insertion or manipulation
- 2 ● Choose the optimal access site for catheter
- 3 ● Use maximal sterile barrier precautions during catheter insertion
- 4 ● Disinfect catheter hubs
- 5 ● Remove nonessential catheters
- 6 ● Use a completely transparent and neutral needleless connector

## FOR PATIENTS

► Ensures their safety

### ● Closed system

- Prevents:
- Air embolism
  - Bacterial contamination

### ● Neutral displacement

- Its design:
- Prevents blood reflux in the catheter
    - Eliminating risk of occlusions or infections in the catheter
  - Is completely smooth
    - Eliminating risk of infections in the connector

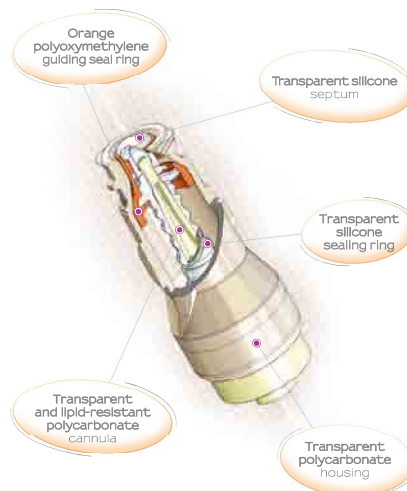
### ● Smooth, straight fluid pathway cannula with double openings

- Easy to flush
- Laminar flow
- Optimised flow rate

# —● NeutraClear®

## ● Technical features

- Compatible with all fluid types: lipids, chemotherapy treatments, etc...



## ● Neutral displacement needleless connector

- 0,004 ml

- NeutraClear® ensures the best possible protection against the risk of catheter contaminations as it has the lowest level of reflux of all connectors currently available on the market.

## ● Small dead volume

0,05 ml

- Ensures safety of the treatment and guarantees total dose administration.

## ● Size and weight

2,7 cm

1 g

- NeutraClear® is the smallest and lightest neutral, transparent needleless connector.
- Particularly adapted to neonatology and paediatrics. Ensures comfort for the baby and easy handling for healthcare workers.

## ● Flow rate compatible with the use under gravity or with a pump

350ml/mn max

- Meets all application requirements including neonatology, paediatrics and emergency vascular filling.

## ● Back pressure

2,6 Bar






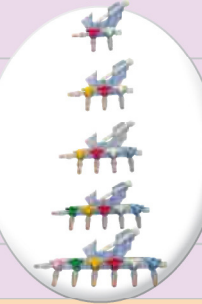








- Meets 8536-10 guidelines.

## ● Actuation force of insertion site

7 Bar max

- Easy handling, prevents risk of musculoskeletal disorders.

## —● The NeutraClear® range

	PRODUCT	PRODUCT CODE	QTY / PACK
	NeutraClear® Neutral and completely transparent needless connector	EL 200	200
	4 cm PE/PVC extension tubing with 1 NeutraClear® + 1 clamp + 1 mobile ring, 1 mm diameter	 PB11004NCM	40
	8 cm PE/PVC extension tubing with 1 NeutraClear® + 1 clamp + 1 mobile ring, 1 mm diameter	 PB11008NCM	40
	8 cm PE/PVC extension tubing with 1 NeutraClear® + 1 mobile ring, 1.5 mm diameter	PB12005NCM	40
	13.5 cm PE/PVC extension tubing with 1 NeutraClear® + 1 clamp + 1 mobile ring, 1 mm diameter	PB1201NCM	40
	3-ways stopcock with 1 NeutraClear®	RO301NCM	50
	2 stopcocks manifold with 3 NeutraClear® and 1 male port	 RM2000NCA	20
	3 stopcocks manifold with 4 NeutraClear® and 1 male port	 RM3000NCA	20
	4 stopcocks manifold with 5 NeutraClear® and 1 male port	 RM4000NCA	15
	5 stopcocks manifold with 6 NeutraClear® and 1 male port	RM5000NCA	15
	6 stopcocks manifold with 7 NeutraClear® and 1 male port	RM6000NCA	15
	Spider double lumen with 2 NeutraClear® and clamps, 10 cm, 1 mm diameter	 PY2101NCM	25
	Spider triple lumen with 3 NeutraClear® and clamps, 10 cm, 1 mm diameter	 PY3101NCM	25
	Spider triple lumen with 3 NeutraClear® and clamps, 10 cm, 2.5 mm diameter	PY3301NCM	25
	13.5 cm extension tubing with 3 ways stopcock + 1 NeutraClear®, 1 mm diameter	 PE1101NCM	25
	13.5 cm extension tubing with 3 ways stopcock + 1 NeutraClear®, 2.5 mm diameter	PE1301NCM	25
	25 cm extension tubing with 3 ways stopcock + 1 NeutraClear®, 2.5 mm diameter	PE1302NCM	25

 These references are particularly recommended for paediatrics and neonatology.