

VENOFLOW™
— VASCULAR ACCESS —

CloSys™ Safety Closed IV System

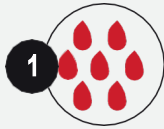
The new standard in IV safety and ease of use




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Why Venoflow™ CloSys™?

Healthcare professionals face two major risks during IV cannulation:



Exposure to patient blood^{1,2}



Needle stick accidents³

In addition to these risks, there is also a significant risk for the patient: vein inflammation, better known as phlebitis. In 2024, as many as 17.8% of the patients surveyed in The Netherlands had at least one symptom, and 5.8% of the surveyed patients were found to have clinically relevant phlebitis.⁴ Mechanical phlebitis is one of the most common types.⁵

The CloSys™ Safety Closed IV System addresses all three of the aforementioned risks:

- Exposure to blood and needle stick injuries is prevented by the fully enclosed fluid path and the passive needle safety mechanism;
- Due to the pre-assembled accessories on the extension line, the IV is no longer touched directly at the insertion site. This prevents unnecessary movement of the IV cannula, contributing to a reduction of up to 50% in the risk of mechanical phlebitis.⁶

Venoflow™ CloSys™ is available in two main versions: with a single (Straight Luer) or double (Y-site) Luer connector. Both versions are available in various sizes and versions. You can find all available product codes in the product tables.

Other specifications

- Suitable for power injection up to and including 325 PSI (except 24G)
- Equipped with line clamp to open and close fluid path
- Radiopaque PUR cannula
- Suitable for use with contrast fluids

Application

The Venoflow™ CloSys™ Safety Closed IV System is used for the safe insertion and use of a peripheral intravenous catheter, maintaining a closed fluid path. This minimizes blood leakage, contamination, and exposure to blood, contributing to infection prevention, safe working practices, and time savings.

1. Tarantola, A., Abiteboul, D., Rachline, A. (2006). Infection risks following accidental exposure to blood or body fluids in health care workers: a review of pathogens transmitted in published cases. *Am J Infect Control*, 34:367-375.

2. Jagger, J., Perry, J., Parker, G., et al. (2011). Survey results: Blood exposure risk during peripheral IV catheter insertion and removal. *Nursing*, 42 (12):45-49.

3. European Biosafety Network. (2013). Prevention of Sharps Injuries in the Hospital and Healthcare Sector. Implementation Guidance Toolkit for EU Council Directive 2010/32/EU.

4. Rijksinstituut voor Volksgezondheid en Milieu (RIVM); PREZIES Referentiecijfers 2024 Thema flebitis. Bilthoven: RIVM; 2024

5. Werkgroep Infectie Preventie (WIP); Flebitis en bloedbaaninfecties door intraveneuze infuuskatheters. Leiden: WIP; 2015

6. González López J, Arribi Vilela A, Fernández Del Palacio E, et al. Indwelling times, complications and costs of open vs closed safety peripheral intravenous catheters: a randomized study. *J Hosp Infect*. 2014;86(2):117-126.

The product in detail

Flashback window

Provides clear visual confirmation of successful insertion.

Transparency

Relevant components are transparent, ensuring a clear view of the fluid path at all times.

Self-sealing membrane

The self-sealing membrane ensures that no blood leakage occurs when removing the needle from the cannula.

Configurations

There are two main versions: with single or double (Y-site) Luer connector. This image shows the double variant.

Ordering information

Version with straight Luer connector

REF	Cannula length (mm/inch)	Gauge	Flow rate (+/-)	Packing unit
525800	19 mm (¾")	24G (yellow)	20 mL/min	BOX/20
525801	25 mm (1")	22G (blue)	32 mL/min	BOX/20
525802	32 mm (1 ¼")	20G (pink)	50 mL/min	BOX/20
525803	32 mm (1 ¼")	18G (green)	80 mL/min	BOX/20
525804	45 mm (1 ¾")	18G (green)	80 mL/min	BOX/20

Version with straight Luer connector & 1 x neutral NFC

REF	Cannula length (mm/inch)	Gauge	Flow rate (+/-)	Packing unit
525805	19 mm (¾")	24G (yellow)	20 mL/min	BOX/20
525806	25 mm (1")	22G (blue)	32 mL/min	BOX/20
525807	32 mm (1 ¼")	20G (pink)	50 mL/min	BOX/20
525808	32 mm (1 ¼")	18G (green)	80 mL/min	BOX/20
525809	45 mm (1 ¾")	18G (green)	80 mL/min	BOX/20

Version with straight Luer connector, with 3-way stopcock & 2 x neutral NFC

REF	Cannula length (mm/inch)	Gauge	Flow rate (+/-)	Packing unit
525810	19 mm (¾")	24G (yellow)	20 mL/min	BOX/20
525811	25 mm (1")	22G (blue)	32 mL/min	BOX/20
525812	32 mm (1 ¼")	20G (pink)	50 mL/min	BOX/20
525813	32 mm (1 ¼")	18G (green)	80 mL/min	BOX/20
525814	45 mm (1 ¾")	18G (green)	80 mL/min	BOX/20

Version with Y-connector & 2 x neutral NFC (1 pre-assembled, 1 loose)

REF	Cannula length (mm/inch)	Gauge	Flow rate (+/-)	Packing unit
525815	19 mm (¾")	24G (yellow)	20 mL/min	BOX/20
525816	25 mm (1")	22G (blue)	32 mL/min	BOX/20
525817	32 mm (1 ¼")	20G (pink)	50 mL/min	BOX/20
525818	32 mm (1 ¼")	18G (green)	80 mL/min	BOX/20
525819	45 mm (1 ¾")	18G (green)	80 mL/min	BOX/20

Version with Y-connector & 1 x neutral NFC

REF	Cannula length (mm/inch)	Gauge	Flow rate (+/-)	Packing unit
525820	19 mm (¾")	24G (yellow)	20 mL/min	BOX/20
525821	25 mm (1")	22G (blue)	32 mL/min	BOX/20
525822	32 mm (1 ¼")	20G (pink)	50 mL/min	BOX/20
525823	32 mm (1 ¼")	18G (green)	80 mL/min	BOX/20
525824	45 mm (1 ¾")	18G (green)	80 mL/min	BOX/20

Scan this QR code to visit the product page for more information:



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Contact your local partner for more information, by scanning the QR code and selecting your country:

