

making a difference



STICK TO SAFETY

CLiP® & SWiTCH

Automatic safety IV
and arterial catheters

For safe and successful insertion


greiner
BIO-ONE

Needlestick injuries due to the use of non-safety devices are still a significant risk factor for healthcare professionals worldwide, putting them in danger of bloodborne pathogens such as hepatitis and HIV.



Using an automatic safety device contributes to minimizing the risk of needlestick injuries.

HEALTHCARE PROFESSIONALS ARE EXPOSED TO MANY DIFFERENT RISKS

Employees in the healthcare sector handle a wide range of tasks and are exposed to many different risks. When working with sharp objects such as cannulas they face the particular risk of injury and infection.

At this moment in time, there are already more than 20 bloodborne pathogens that we know of. The most dangerous are HBV, HCV and HIV. Recent studies show that it is up to ten

times more likely for infections to occur in a hospital setting than in an external setting.

The aftermath of an infection can have far-reaching effects on both the career and the personal circumstances of the affected person and their family, with social as well as financial consequences. This risk can be significantly reduced with the use of fully automatic safety devices.

STICK TO SAFETY

- / Automatic safety
- / Excellent insertion properties
- / Comprehensive range



Our safety clip helps to prevent needlestick injuries and is lightweight to not affect handling.

FOR SAFE AND SUCCESSFUL INSERTION

Our IV and arterial catheters are designed with healthcare professional's working environment in mind.

Our focus is to provide products that are user friendly, safe, sharp and with a consistent quality, so you can focus less on worrying about needlestick injuries and more on giving the best care to your patients.

IV and arterial cannulation is often considered a standard procedure at hospitals and care centers. Nevertheless it is a procedure that requires training and experience. We offer free on-line training courses for health care professionals working with CLiP® automatic safety IV catheters and SWiTCH automatic safety arterial catheters.

STICK TO SAFETY

CLiP® & SWiTCH

Automatic safety IV and arterial catheters



**ONLINE
TRAINING FOR
HEALTHCARE
PROFESSIONALS**

E-Learning is
available at
stick-to-safety.com

ADVANTAGES



AUTOMATIC SAFETY

Automatic needlestick protection.
No additional action is required.
Tactile activation to comply with ISO23908.
Colour coded for good visibility according to ISO10555-5.



EXCELLENT INSERTION PROPERTIES

Sharp needles for effective and gentle penetration.
Quick blood response.
Reliable - every product feels the same.
Flexible gripping techniques.



COMPREHENSIVE RANGE

Variety of gauges and lengths for different clinical needs.
Stabilization wings for secure fixation.
Version with injection port.
Catheters available in Polyurethane (PUR) and
Fluorinated Ethylene Propylene (FEP).
Indications for use include venous blood sampling.



SMALL ENVIRONMENTAL FOOTPRINT

Compact product and packaging design means:
Low material consumption
Low transport volume
Low handling and storage volume
Low waste volume

THE MAJORITY OF BLOOD SAMPLES OBTAINED VIA A PERIPHERAL IV CATHETER (PIVC) PROVIDES ACCURATE SPECIMEN FOR ANALYSIS AND DOES NOT RESULT IN THE NEED FOR A SECOND VENE-PUNCTURE.¹

Reference: 1.
Braniff H, et al., Pediatric blood sample collection from a preexisting peripheral intravenous (PIV) catheter. J Pediatr Nurs. 2014 Sep-Oct.



Elin Johnsson,
specialist nurse

When working with the very young ones – the newly born, toddlers – or the elderly, it is important to be gentle and at the same time efficient. The insertion needs to be successful the first time. Neonatal, paediatric and elderly patients have small veins, and therefore need an extra small catheter.

INSTANT BLOOD RESPONSE WITH CLiP® NEO

- / Suitable small sizes: 24 G and 26 G
- / Our catheters are made from FEP which is practically friction-free.
- / Developed to increase first time insertion success.

CLiP® Neo is an automatic safety IV catheter specifically designed for small and fragile veins primarily found in the neonatal, paediatric or elderly patient groups.

Small veins have no tolerance for blind insertion. That is why

the specially designed notch quickly indicates the needle tip position. The notch facilitates the flashback and speeds up the visual indication by making blood appear between the catheter and needle as soon as the tip of the needle is in the vein.



PRECISE AND SAFE

The catheter hub with wing holder offers a stable platform to grip during insertion and provides multiple gripping alternatives.

No matter the conditions at the clinic or hospital, the insertion of a venous catheter should be successful in the first try. That requires sharp needles. It's also easier if the catheter can be controlled in an individual way and if you have several gauge sizes to choose from. When you have full control, you feel more confident and the patients feel more relaxed and safe.



Anna Karlsson,
specialist nurse

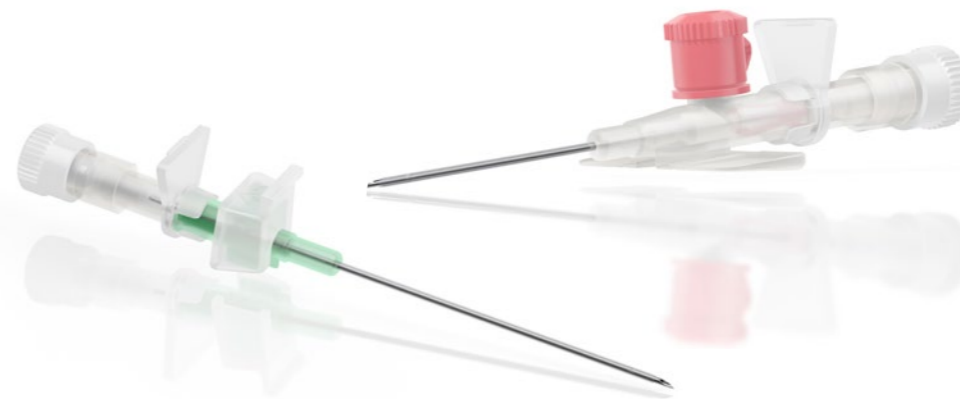
SAFE AND CONSISTENT WITH CLiP® WINGED & CLiP® PORTED

CLiP® Winged and CLiP® Ported are automatic safety IV catheters with a comprehensive range, to meet demanding physical conditions and different clinical needs. Our IV catheters are available in a vast variety of gauge sizes (14-24 gauge), lengths and materials to put you in control of various clinical situations.

The catheter hub offers a stable platform to grip during insertion and provides multiple gripping alternatives.

CLiP® automatic safety IV catheters include blood sampling as an indication for use. This helps to reduce pain and stress for patients as a second venepuncture may be avoided.

- / Flexibility for your needs.
- / Vast variety of gauge sizes, lengths and materials.
- / High pressure injection.
- / Blood sampling.



HIGH PRESSURE INJECTION

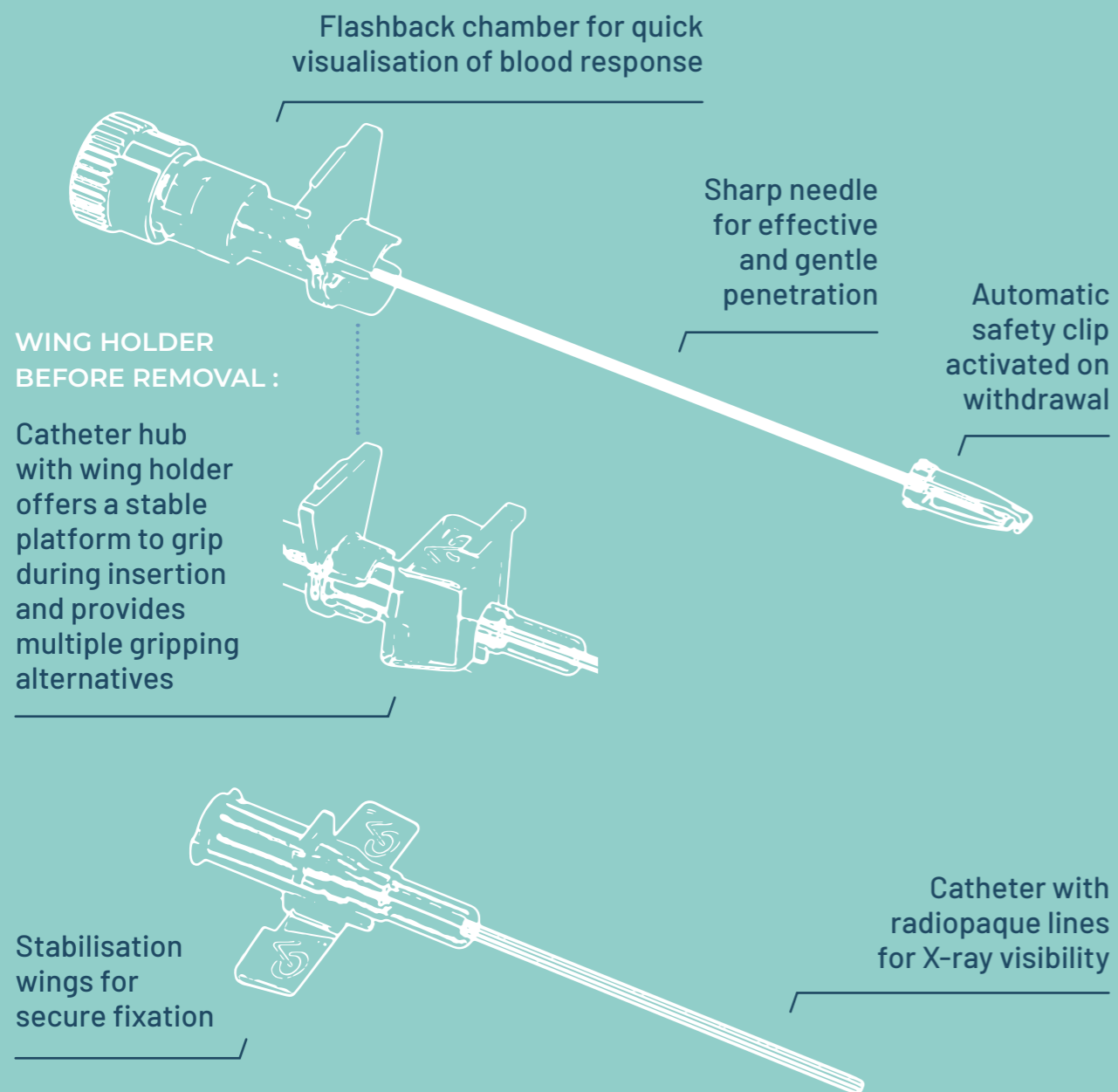
Our IV catheters can be used to inject contrast media and are suitable for high pressure injections up to 305 psi.

**COMPREHEN-
SIVE RANGE**

to meet demanding
physical conditions
and different
clinical needs.

CLiP® NEO / WINGED

AUTOMATIC SAFETY IV CATHETERS

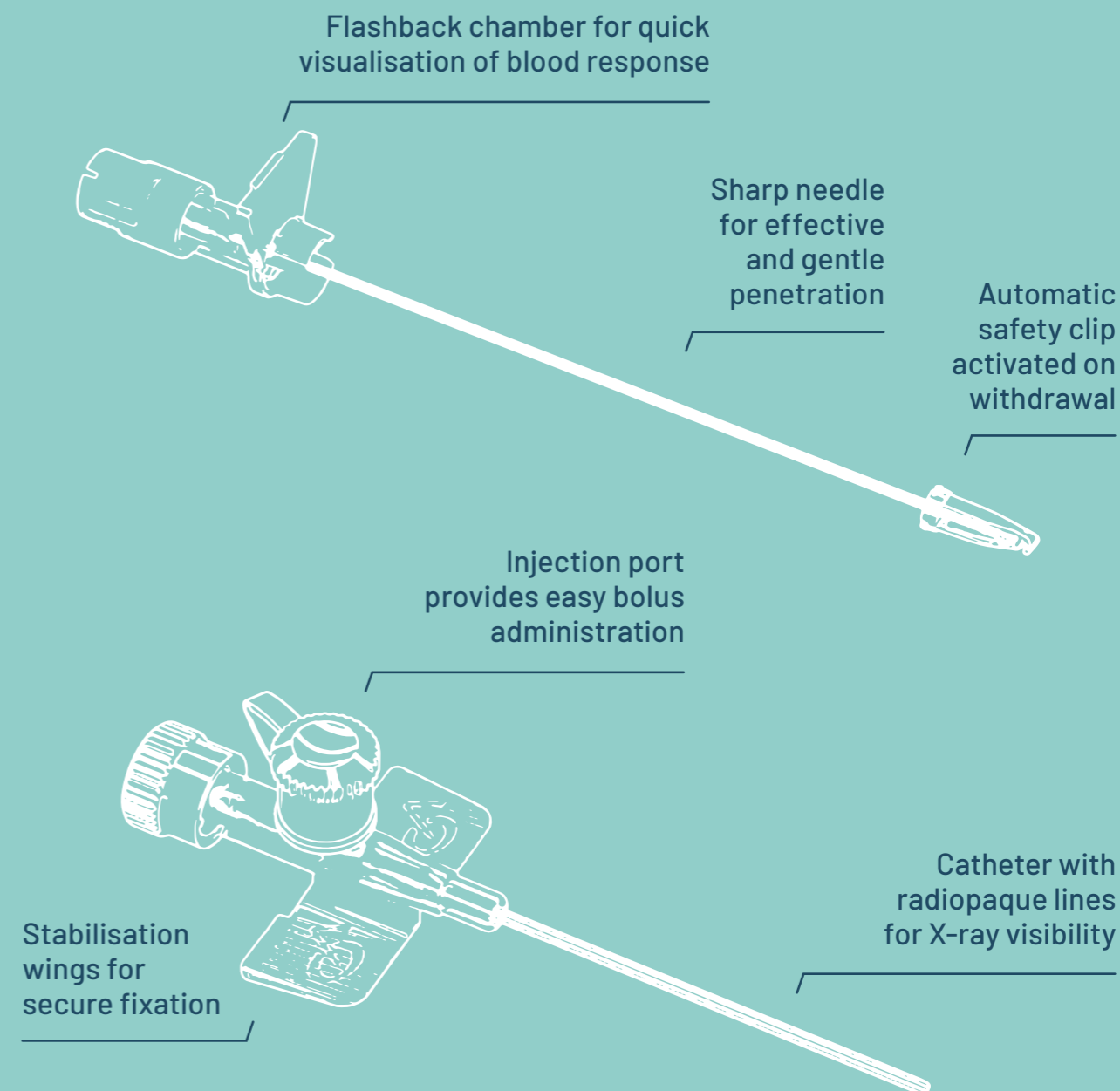


**TACTILE
ACTIVATION**

to comply with
ISO23908

CLiP® PORTED

AUTOMATIC SAFETY IV CATHETER



TACTILE
ACTIVATION

to comply with
ISO23908

SWITCH

AUTOMATIC SAFETY ARTERIAL CATHETER

Enlarged chamber gives the user time to confirm catheter placement

Uniquely designed flashback chamber with flow control plug provides quick blood response

Sharp needle for effective and gentle penetration

Automatic safety clip activated on withdrawal

Flow switch for safe and easy blood control

Stabilisation wings for secure fixation

Catheter with radiopaque lines for X-ray visibility



Maria Bengtsson Lindén,
specialist nurse

Since the blood flow in the arteries are much higher than in the veins, it is very important that the arterial catheters are easy to handle. They must have high first-time insertion success and the blood control is absolutely vital, since the risk of leakage is higher.

USER-CONTROLLED BLOOD FLOW

SWITCH is an automatic safety arterial catheter with flow switch that offers safe and easy use with full blood control.

The red flow switch provides easy blood control and clearly marks the arterial entry. Insertion and handling is facilitated in a blood-free way, putting you in full control of the situation.

SWITCH is available in gauge sizes 20 and 22. Using a 22 G catheter improves first-attempt success rate compared to a 20 G catheter.¹

After removal lower incidence of arterial occlusion and higher blood flow can be measured when using 22 G compared to 20 G.

Reference: 1.
Evren Eker, H. et al.
The impact of two arterial catheters, different in diameter and length, on post cannulation radial artery diameter, blood flow, and occlusion in atherosclerotic patients. *Journal of Anesthesia* (2009)23: 347-352.



SAFE AND EASY TO USE

SWITCH has a flow switch that offers safe and easy use with full blood control.

PRODUCT OVERVIEW

CLiP® Neo Automatic safety IV catheter

Not made with natural rubber latex and DEHP and PVC free

Item no.	Catheter material	Catheter size	Catheter dimension	Colour code	Catheter flowrate	Qty. inner / outer
NW241901	FEP	24 G	0.7 x 19	● yellow	22	50 / 1,000
NW261901	FEP	26 G	0.6 x 19	● violet	15	50 / 1,000

CLiP® Winged Automatic safety IV catheter

Not made with natural rubber latex and DEHP and PVC free

Item no.	Catheter material	Catheter size	Catheter dimension	Colour code	Catheter flowrate	Qty. inner / outer
VW144511	PUR	14 G	2.0 x 45	● orange	290	50 / 1,000
VW164511	PUR	16 G	1.7 x 45	● grey	200	50 / 1,000
VW174511	PUR	17 G	1.5 x 45	○ white	140	50 / 1,000
VW183211	PUR	18 G	1.2 x 32	● green	110	50 / 1,000
VW184511	PUR	18 G	1.2 x 45	● green	100	50 / 1,000
VW203211	PUR	20 G	1.0 x 32	● pink	64	50 / 1,000
VW222511	PUR	22 G	0.8 x 25	● blue	38	50 / 1,000
VW241911	PUR	24 G	0.7 x 19	● yellow	22	50 / 1,000
VW144501	FEP	14 G	2.0 x 45	● orange	290	50 / 1,000
VW164501	FEP	16 G	1.7 x 45	● grey	200	50 / 1,000
VW174501	FEP	17 G	1.5 x 45	○ white	140	50 / 1,000
VW183201	FEP	18 G	1.2 x 32	● green	110	50 / 1,000
VW184501	FEP	18 G	1.2 x 45	● green	100	50 / 1,000
VW203201	FEP	20 G	1.0 x 32	● pink	64	50 / 1,000
VW222501	FEP	22 G	0.8 x 25	● blue	38	50 / 1,000

CLiP® Ported Automatic safety IV catheter

Not made with natural rubber latex and DEHP and PVC free

Item no.	Catheter material	Catheter size	Catheter dimension	Colour code	Catheter flowrate	Qty. inner / outer
VP144511	PUR	14 G	2.0 x 45	● orange	290	50 / 1,000
VP164511	PUR	16 G	1.7 x 45	● grey	200	50 / 1,000
VP174511	PUR	17 G	1.5 x 45	○ white	140	50 / 1,000
VP183211	PUR	18 G	1.2 x 32	● green	110	50 / 1,000
VP184511	PUR	18 G	1.2 x 45	● green	100	50 / 1,000
VP203211	PUR	20 G	1.0 x 32	● pink	64	50 / 1,000
VP222511	PUR	22 G	0.8 x 25	● blue	38	50 / 1,000
VP241911	PUR	24 G	0.7 x 19	● yellow	22	50 / 1,000
VP144501	FEP	14 G	2.0 x 45	● orange	290	50 / 1,000
VP164501	FEP	16 G	1.7 x 45	● grey	200	50 / 1,000
VP174501	FEP	17 G	1.5 x 45	○ white	140	50 / 1,000
VP183201	FEP	18 G	1.2 x 32	● green	110	50 / 1,000
VP184501	FEP	18 G	1.2 x 45	● green	100	50 / 1,000
VP202501	FEP	20 G	1.0 x 25	● pink	68	50 / 1,000
VP203201	FEP	20 G	1.0 x 32	● pink	64	50 / 1,000
VP222501	FEP	22 G	0.8 x 25	● blue	38	50 / 1,000
VP241901	FEP	24 G	0.7 x 19	● yellow	22	50 / 1,000

SWITCH Automatic safety arterial catheter

Not made with natural rubber latex and DEHP and PVC free

Item no.	Catheter material	Catheter size	Catheter dimension	Colour code	Catheter flowrate	Qty. inner / outer
SW204511	PUR	20 G	1.1 x 45	● pink	49	25 / 250
SW223511	PUR	22 G	0.9 x 35	● blue	27	25 / 250
SW224511	PUR	22 G	0.9 x 45	● blue	27	25 / 250
SW204501	FEP	20 G	1.1 x 45	● pink	49	25 / 250
SW223501	FEP	22 G	0.9 x 35	● blue	27	25 / 250
SW224501	FEP	22 G	0.9 x 45	● blue	27	25 / 250

making a difference

www.stick-to-safety.com

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GREINER BIO-ONE IS A GLOBAL PLAYER.
FIND THE CONTACT DETAILS OF YOUR
LOCAL PARTNER ON OUR WEBSITE.



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