



PRESCRIPTION

PATIENT ACCESS

PREPARATION

APPLICATION

DISCHARGE
MANAGEMENT

PATIENT ACCESS IN INFUSION THERAPY

SAFE AND EFFICIENT FROM START TO FINISH

YOUR PARTNER IN PATIENT ACCESS SETTING STANDARDS

We safely guide you through.

Infusion therapy is an essential part of medical treatments. Being the leading company in infusion therapy, B. Braun constantly seeks constructive dialog with physicians, pharmacists, nursing staff, hospital managers, and patients to gain insights for improving healthcare all over the globe.

Standardization is one key to achieve our aim. We identified five standard steps which represent usual therapy processes. Perfectly aligned products represent each of these steps.

By combining those products in the recommended way, they build system solutions which increase safety and efficiency.

Thus, we establish higher standards in infusion therapy. Together with our customers.

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PATIENT ACCESS. SAFE AND MORE EFFICIENT.

Invasive patient access is the process of obtaining vascular access for the purpose of intravenous therapy (for blood sampling and for monitoring blood pressure). This procedure is performed by medical laboratory scientists, medical practitioners, some EMTs, paramedics, phlebotomists, dialysis technicians, and other nursing staff.

The table on the next page (therapy overview) shows the different therapies that can be performed through patient access.

THERAPY OVERVIEW

Fluid administration

- Maintenance Solutions
- Correction Solutions and Concentrates
- Resuscitation Solutions
- Osmotherapy

Drug administration

- Antiinfectives
- Antiemetics
- Anti Hypotensive Drugs
- Anti-cancer and Immunosuppressive
- Anticoagulation Therapy
- Sedatives
- Muscle Relaxant

For more information on other B. Braun products for the shown therapies, ask your sales representative.



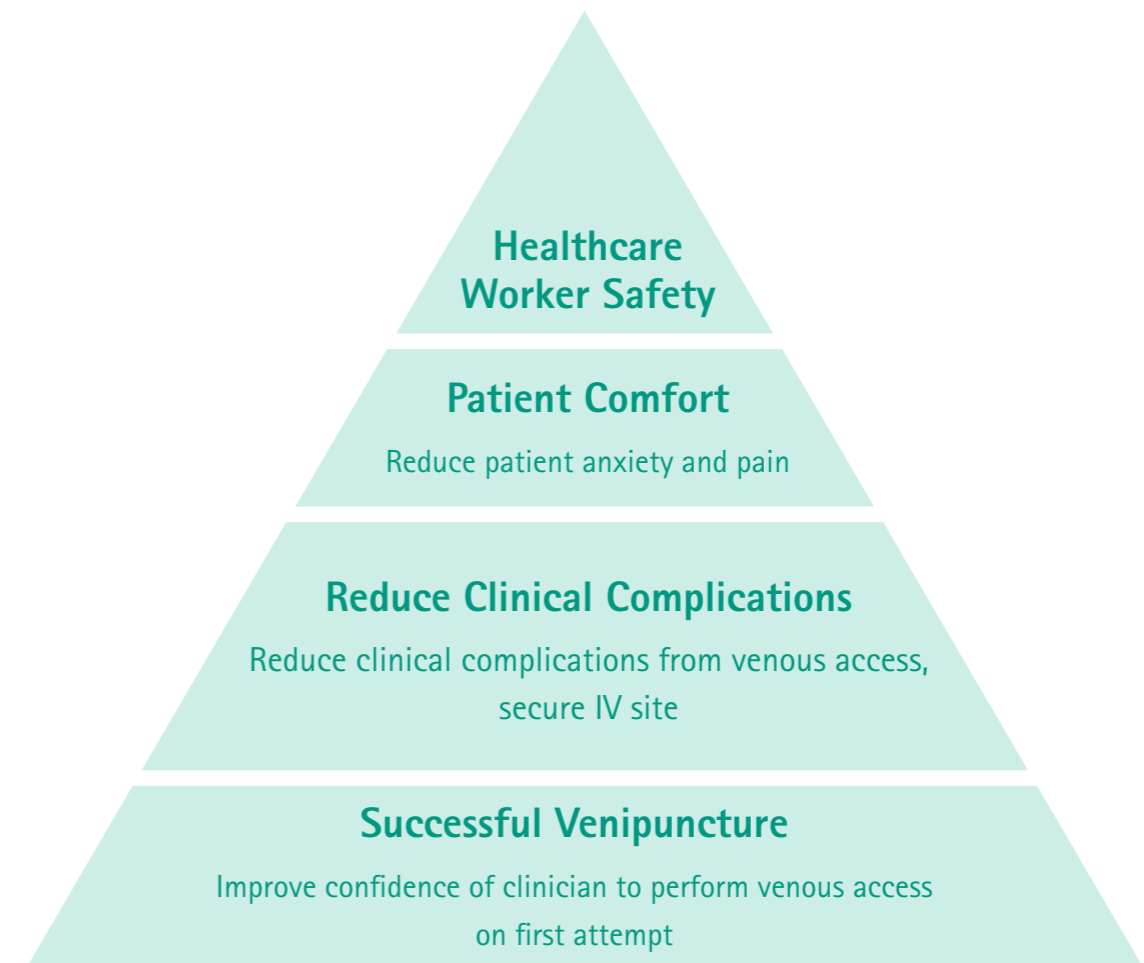
WHAT IS PATIENT ACCESS?



SYSTEM SOLUTIONS FOR DEMANDING TASKS

Infusion therapy is one of the most invasive, high-risk procedures healthcare workers (HCWs) perform. Patient access is a complex task which can be stressful and may lead to several complications. Because it is such a common procedure, it is easy to forget the potential for serious patient complications and

safety risks to the patient and healthcare professionals. A combination of patient access devices should fulfill four criteria, shown in the pyramid below, in order to satisfy the users' expectations and to improve patient outcome:



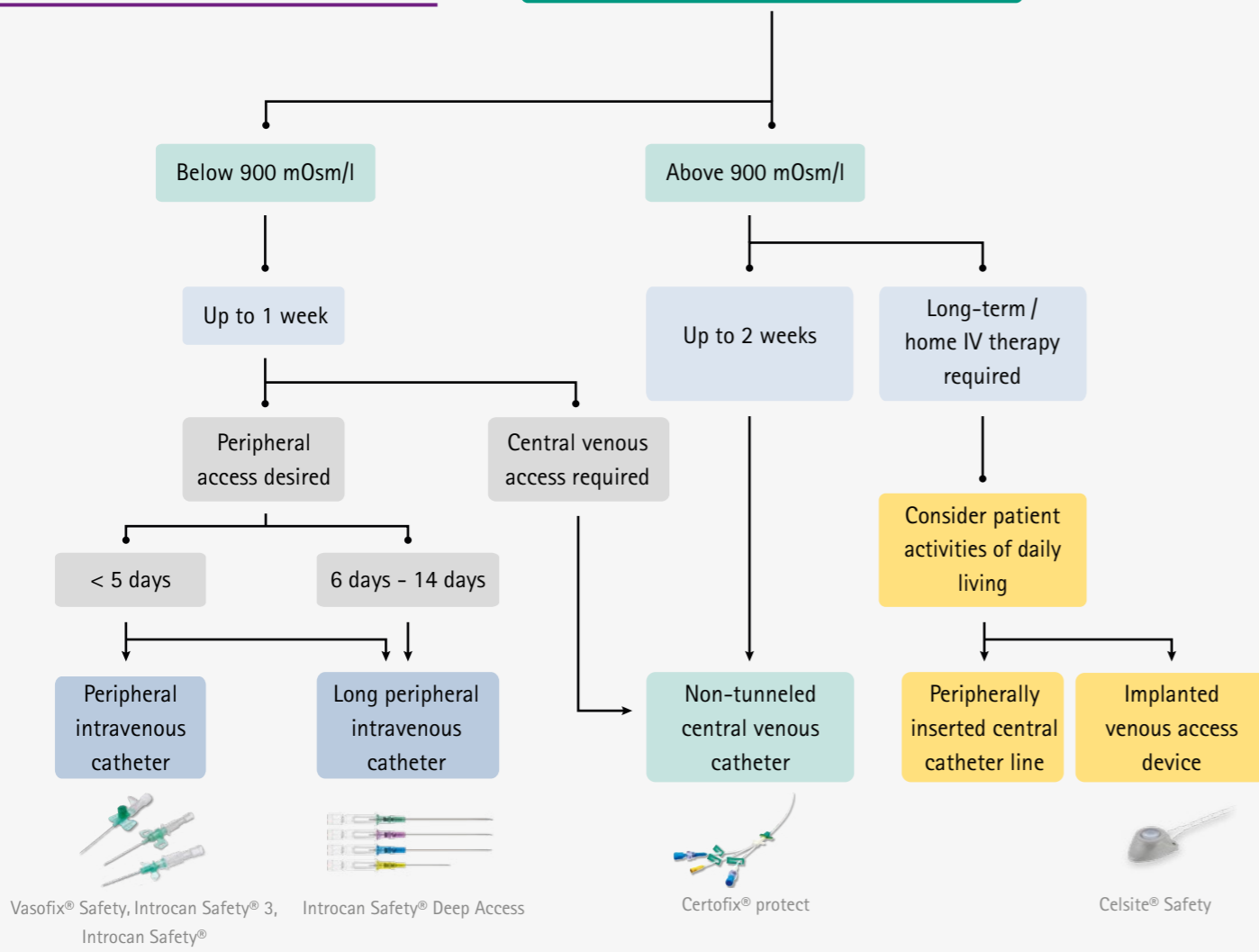
Adapted from: Voice of the Customer Market Research conducted in the USA³

B. BRAUN PATIENT ACCESS PORTFOLIO

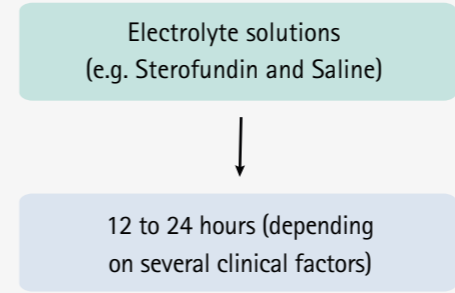
The B. Braun portfolio offers a wide choice of products for different therapies and types of patient access. This overview helps to find the right product for each specific application.

Therapy Osmolarity
Therapy Length
Specific therapy requirements
Vascular Access Device

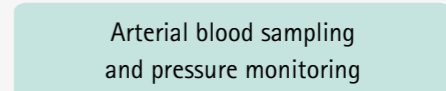
Vascular Access Required for Infusion



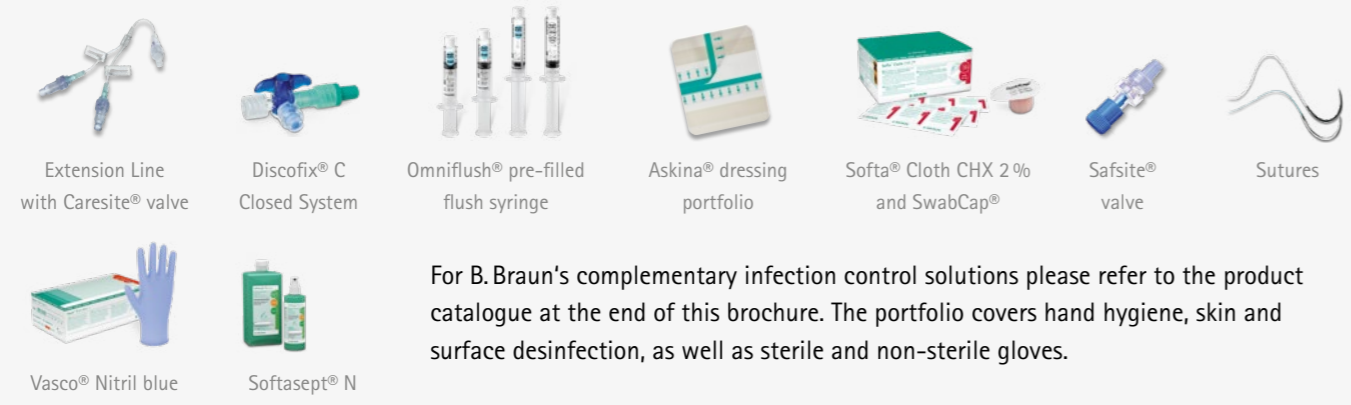
Subcutaneous Access Required for Infusion



Arterial Access



Complementary Patient Access Device
Infection control



For B. Braun's complementary infection control solutions please refer to the product catalogue at the end of this brochure. The portfolio covers hand hygiene, skin and surface disinfection, as well as sterile and non-sterile gloves.

The information provided above is intended to be an orientation based on best practise. Please follow local guidelines and organizational policies to determine suitable device selection and dwell time. Apart from the factors given above, ensure patient's body or extremity size as well as target area are sufficient to accommodate the size of the device.

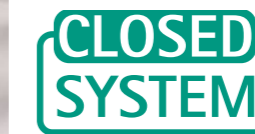
PATIENT ACCESS IN ONCOLOGY

The B. Braun product system presents convenient solutions for enhanced safety throughout each step of patient access during your oncology process.

When working with cytotoxic agents, handling hazardous drugs becomes a part of daily clinical life for healthcare workers.

The unintended exposure to hazardous drugs such as anti-cancer drugs, also known as chemical contamination, is one of the major risks users face during the oncology process.

Finally, oncological patients have delicate veins and finding an IV access is not always the easiest task.



B. Braun offers a wide range of options to cannulate difficult vessels according to the patient's conditions and length of treatment, minimizing the risks of contamination in accordance with the NIOSH Alert which recommends administering drugs safely by using protective medical devices (such as needle-free and closed systems).

For further information, please consult the brochures on below therapies:

- Antiemetics
- Anti-cancer and Immunosuppressive



PERIPHERAL ACCESS



Introcan Safety® 3

Introcan Safety® 3 is equipped with a multi-access septum to protect clinicians and patients from blood exposure. The integrated stabilization platform is designed to reduce dislodgements and related complications such as extravasations.



Omniflush®

Flushing IV access devices after each medication delivery with NaCl 0.9% prevents contact between incompatible fluids and medications and accumulation of medication.



Softa® Cloth CHX 2% and SwabCap®

Softa® Cloth CHX 2% is a ready-to-use tissue which can be used as a disinfecting cleaner prior to line access, for instance on needle-free swabable valves. SwabCap® is a disinfection cap for needle-free swabable valves which also acts as a physical barrier to touch and airborne contamination between line accesses.



Askina® dressing portfolio

The Askina® dressing portfolio offers fixation solutions of the catheter to help minimizing catheter movement.



Discofix® C Closed System

Discofix® C is a 3-way stopcock with integrated swabable valve. It offers high resistance to stress cracking and convenient needle-free access for injection, aspiration or parallel infusions as a closed system.

CENTRAL ACCESS



Certifix® protect

The Certifix® Protect central venous catheter portfolio provides from single to quintuple lumen catheters in different catheter geometries and flowrates. They are mainly indicated for short-term infusion (≤ 30 days), including administration of high osmolar or strongly venous-irritant solutions and parenteral feeding.



Surecan® Safety II

Surecan® Safety II is a safety needle for access ports. The activation of the safety mechanism is confirmed audibly and visually, and can not be reactivated. The low profile and non-absorbent foam pad helps increasing patient comfort.



Celsite® Safety

Celsite® Safety is a totally implanted access port system and indicated for long-term infusion of chemotherapy, among other uses. The port has an extra large septum for safe and easy puncturing.

PATIENT ACCESS AT THE ICU

An intensive care unit (ICU) is a special department of a hospital that caters to patients with severe and life-threatening illnesses and injuries, which require constant, close monitoring and support from specialized equipment and medications in order to ensure normal bodily functions.

Bearing in mind the conditions and criticality of these patients, infections and coagulations are prominent risks that need to be considered during treatment.

An infection is the invasion and multiplication of microorganisms such as bacteria, viruses, and parasites that are not normally present within the body, and the reaction of host tissues to these organisms and the toxins they produce. Infectious diseases resulted in 9.2 million deaths in 2013 (about 17% of all deaths).¹

Blood clotting is a serious problem that is very frequently found in immobile patients like those in the ICU. Anticoagulants help to reduce blood clotting which prevents deep vein thrombosis, pulmonary embolism, myocardial infarction and ischemic stroke.

The access to the patient should be done in a clean environment, using aseptic techniques, and the devices used should allow a reduction in the above-mentioned risks of infection and blood clotting.

REFERENCE | 1. GBD 2013 Mortality and Causes of Death, Collaborators (17 December 2014) "Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. Lancet 385 (9963): 117-71

For further information, please consult the brochures on below therapies:

➤ Antiinfectives

➤ Anticoagulation Therapy



PERIPHERAL ACCESS



Introcan Safety® 3

Introcan Safety® 3 is equipped with a multi-access septum to protect clinicians and patients from blood exposure. The integrated stabilization platform is designed to reduce complications resulting from movements and dislodgements.



Omniflush®

Omniflush® is a ready-to-use flush system. It prevents contamination risks occurring while preparing the flush solution. Flushing maintains vascular access and decreases the risk of catheter occlusion/thrombus formation.



Softa® Cloth CHX 2% and SwabCap®

Softa® Cloth CHX 2% is a ready-to-use tissue which can be used as a disinfecting cleaner prior to line access, for instance on needle-free swabable valves. SwabCap® is a disinfection cap for needle-free swabable valves which also acts as a physical barrier to touch and airborne contamination between line accesses.



Askina® dressing portfolio

The Askina® dressing portfolio offers fixation solutions of the catheter to help minimizing catheter movement.



Extension Line with Caresite® valve

Thanks to its smooth and swabable surface, the Caresite® Luer access device helps to protect against microbiological contamination. The positive displacement assists in preventing the occlusion of the catheter.



CENTRAL ACCESS

Certifix® protect

Certifix® Protect is a non-leaching antimicrobial central venous catheter. In vitro study has demonstrated its antibacterial surface activity and prevention of biofilm formation by using the "Roll-Out" method over a period of 30 days. These results demonstrate that non-leaching antimicrobial CVCs can prevent microbial colonization and infection.



Surecan® Safety II

Surecan® Safety II is a safety needle for access ports. The activation of the safety mechanism is confirmed audibly and visually, and can not be reactivated. The low profile and non-absorbent foam pad helps increasing patient comfort.



Celsite® Safety

Celsite® Safety is a totally implanted access port system and indicated for long-term infusion of chemotherapy, among other uses. The port has an extra large septum for safe and easy puncturing.

PATIENT ACCESS IN OPERATING THEATERS



An operation theater (OT) is a facility within a hospital, where surgical operations are carried out in a sterile environment. Besides the operation itself, there are some additional therapies carried out in an OT:

Muscle relaxant therapy - A muscle relaxant is a drug which affects skeletal muscle function and decreases the muscle tone. Besides being used during surgical procedures, muscle relaxants are often used as well in intensive care and emergency medicine in order to cause temporary paralysis.

Sedation therapy - Sedation means the reduction of irritability or agitation by administration of sedative drugs, generally to facilitate a medical procedure or diagnostic procedure. Sedation is used in the intensive care unit or in the pre-operating theater, so that patients who are being ventilated tolerate having an endotracheal tube in their trachea.

In an OT, the IV access allows the maintenance of adequate fluid levels including the anesthetics, as well as the monitoring of the patient's blood pressure and the levels of blood gases.

For further information, please consult the brochures on below therapies:

➤ Sedatives

➤ Muscle Relaxant

PERIPHERAL ACCESS



Introcan Safety® 3

In addition to its fully automatic safety mechanism, Introcan Safety® 3 closed IV catheter is equipped with a multi-access septum to help prevent blood exposure during catheter insertion and while disconnecting a device from the catheter hub. Introcan Safety® 3 (long lengths) can be used for arterial access.



Omniflush® Sterile Field

Omniflush® Sterile Field offers a sterile fluid path and sterile external surface for flushing in a sterile field or flushing when wearing sterile gloves.



Askina® dressing portfolio

The Askina® dressing portfolio offers fixation solutions of the catheter to help minimizing catheter movement.



Extension Line with Caresite® valve

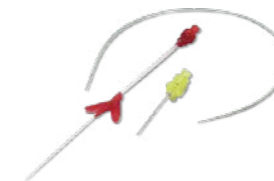
Thanks to its smooth and swabable surface, the Caresite® Luer access device helps to protect against microbiological contamination. The positive displacement assists in preventing the occlusion of the catheter.

CENTRAL ACCESS



Certifix® protect

Antimicrobially modified mono to multi lumen catheter sets for catheterization of the vena cava according to the Seldinger method with the possibility of intra-atrial ECG lead. The catheter has a soft tip, length markings for accurate catheter placement and is X-ray detectable.



Arteriofix® V

Arteriofix® V is an arterial Seldinger catheter for invasive monitoring of blood pressure and blood sampling. Blood reflux is prevented by the attached valve.



Celsite® Safety

Celsite® Safety is a totally implanted access port system for any indication which requires a mid to long-term central venous access. The port is available in different port and catheter sizes as well as for percutaneous or surgical cut-down technique. The low profiled nose simplifies the insertion and allows the creation of a small port pocket to reduce the trauma. The easy connection between the laser-marked PUR or silicone catheter and the port contributes to the safety aspect. Its solid radiopaque connection ring has an anti-kink protection. Power injections of contrast media are secure with high pressure resistance up to 325 psi (22.4 bar).

PATIENT ACCESS IN EMERGENCY



The Emergency Room (ER) is the section of a healthcare facility intended to provide rapid treatment for victims of sudden illness or trauma. It is equipped and staffed for the prompt treatment of acute illness, trauma, or other medical emergencies. Typically in an emergency, patients arrive with a loss of body water, blood or other fluids, which have to be replaced and the levels have to be maintained in order to keep the organs functioning. For instance, the electrolyte composition of the blood may change and thus correction with concentrates may be required. Another very dangerous patient condition is the acute loss of intravenous fluid volume as it can lead to life-threatening situations.

For all above mentioned therapies, a fast IV access is required. In 90% of the cases, when a patient enters the ER department, an IV access is placed. The maintenance of that IV access is critical, especially if no other access is available in a life-threatening situation.

For further information, please consult the brochures on below therapies:

- > Maintenance Solutions
- > Corrections Solutions and Concentrates
- > Resuscitation Solutions
- > Osmotherapy
- > Anti Hypotensive Drugs

PERIPHERAL ACCESS



Introcan Safety® 3

In addition to its fully automatic safety mechanism, Introcan Safety® 3 closed IV catheter is equipped with a multi-access septum to help prevent blood exposure. Both features are beneficial when treating patients of unknown origin in emergency.



Omniflush®

Busy healthcare workers with large workloads are under pressure to meet patient needs. Omniflush® is a ready-to-use flush system, which improves processes and prevents contamination risks occurring while preparing the flush solution.



Softa® Cloth CHX 2% and SwabCap®

Softa® Cloth CHX 2% is a ready-to-use tissue which can be used as a disinfecting cleaner prior to line access, for instance on needle-free swabable valves. SwabCap® is a disinfection cap for needle-free swabable valves which also acts as a physical barrier to touch and airborne contamination between line accesses.



Askina® dressing portfolio

The Askina® dressing portfolio offers fixation solutions of the catheter to help minimizing catheter movement.







Extension Line with Caresite® valve


Thanks to its smooth and swabable surface, the Caresite® Luer access device helps to protect against microbiological contamination. The positive displacement assists in preventing the occlusion of the catheter.

PORTFOLIO OVERVIEW

HAND HYGIENE AND SKIN DISINFECTION

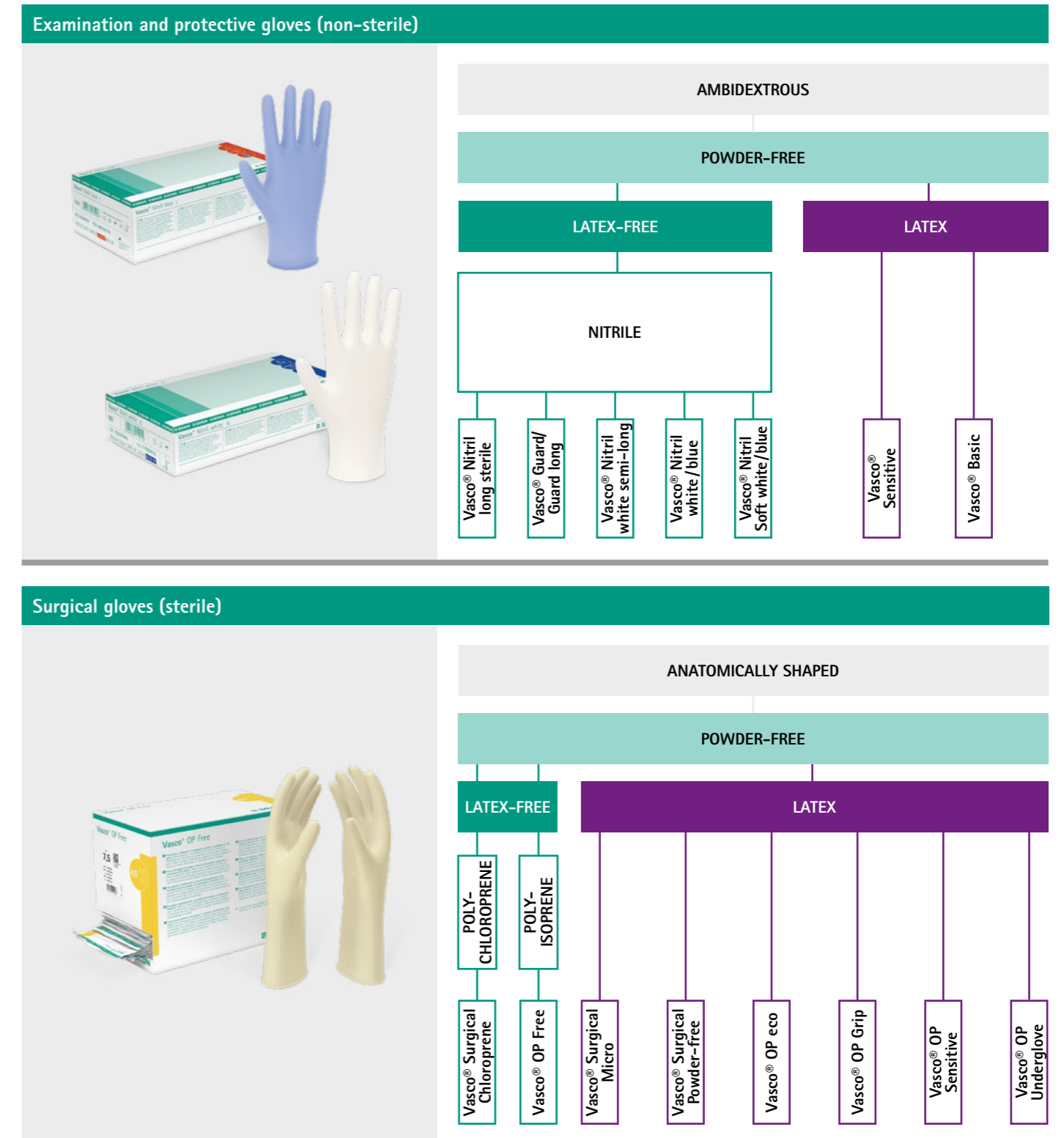
Softaskin®	Description	Vol. (ml)	Units per box	Code no. (REF)	
	<ul style="list-style-type: none"> pH-skin neutral Free of alkali, soap, and colorants Suitable for cleansing extremely sensitive skin, even for children or incontinence patients Allantoin soothes and protects irritated skin Allergy tested 	100	20	local	
		500	20		
		1,000	10		
		5,000	1		
Softa-Man®	Description	Vol. (ml)	Units per box	Code no. (REF)	
	<ul style="list-style-type: none"> Combination of alcohols as active ingredients Effective against bacteria (incl. MRSA, TbB) and fungi Virucidal effect: Enveloped viruses (incl. HBV, HCV, HIV), effective against adeno-, rota- and norovirus Enriched with high-quality dermoprotectors such as panthenol, allantoin, and bisabolol Very good skin tolerability 	100	20	local	
		500	20		
		1,000	10		
		5,000	1		
Softasept® N	Description	Coloration	Vol. (ml)	Units per box	Code no. (REF)
	<ul style="list-style-type: none"> For skin disinfection before surgical procedures, punctures, injections, venipunctures, and vaccinations 	Colorless	250	-	local
			1,000		
		Colored	5,000		
			250	1,000	
5,000					
Alcohol Pads B. Braun	Description	Units per box	Code no. (REF)		
	<ul style="list-style-type: none"> Single-use alcoholic wipes for skin cleansing Swab size folded 32.5 mm x 30 mm Swab size unfolded 65 mm x 30 mm 	100	9160612		

SURFACE DISINFECTION

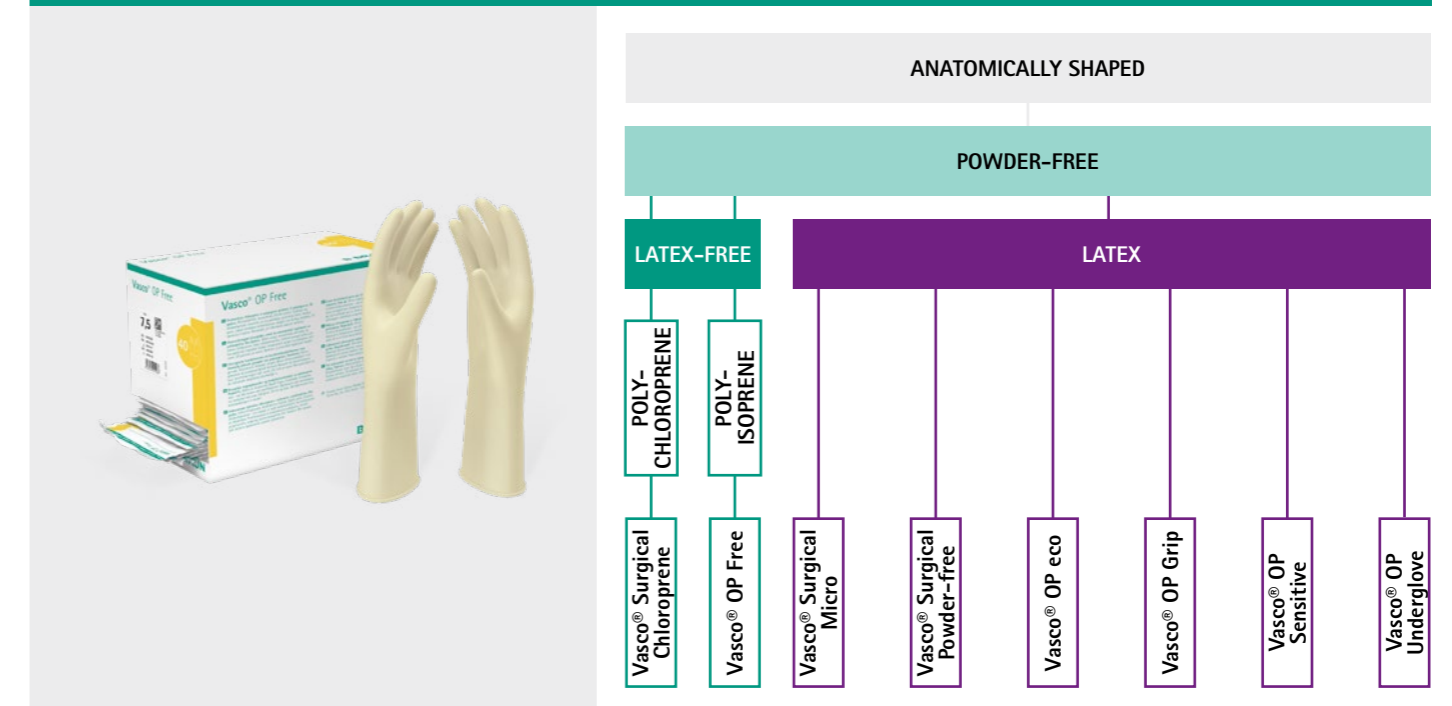
Softa® Cloth CHX 2%	Description	Content	Units per box	Code no. (REF)
	<ul style="list-style-type: none"> Ready-to-use tissues with 70% isopropyl alcohol (IPA) and 2% chlorhexidine (CHX) For surface disinfection of medical devices Ready-to-use wipes (unfolded 162 x 150 mm) Convenient 	100 wipes	1	19581

For more information on the references available in your country, please contact your local B. Braun representative.
Cautions: Use disinfectants safely. Always read the label and the product information before use. Keep away from children.

GLOVES – STERILE AND NON-STERILE




Surgical gloves (sterile)





PORTFOLIO OVERVIEW

IV CATHETERS

Introcan Safety®	Gauge	Catheter length		Catheter ø (mm)	Straight (S) or wing (W)	Flow rate (ml/min)	Units per box	Code no. (REF)	
		(inch)	(mm)					FEP	PUR
	24	5/9	14	0.7	S	26	50	-	4251607-01
	24	5/9	14	0.7	W	26		-	4251614-01
	24	3/4	19	0.7	S	22		4252500-01	4251601-01
	24	3/4	19	0.7	W	22		4254503-01	4253523-01
	24	1 1/4	32	0.7	S	17		-	4251623-01
	22	2 1/2	64	0.9	S	24		-	4251622-01
	22	1	25	0.9	S	35		4252519-01	4251628-01
	22	1	25	0.9	W	35		4254511-01	4253540-01
	22	1 3/4	45	0.9	S	26		4252520-01	-
	20	2 1/2	64	1.1	S	51		-	4251621-01
	20	1	25	1.1	S	65		4252543-01	4251652-01
	20	1	25	1.1	W	65		4254546-01	4253574-01
	20	1 1/4	32	1.1	S	60		4252535-01	4251644-01
	20	1 1/4	32	1.1	W	60		4254538-01	4253566-01
	20	1 3/4	45	1.1	S	57		4252527-01	-
	18	2 1/2	64	1.3	S	85		-	4251620-01
	18	1 1/4	32	1.3	S	105		4252560-01	4251687-01
	18	1 1/4	32	1.3	W	105		4254562-01	4253604-01
	18	1 3/4	45	1.3	S	100		4252551-01	4251679-01
	18	1 3/4	45	1.3	W	100		4254554-01	4253590-01
	16	1 1/4	32	1.7	S	215		4252586-01	4251709-01
	16	2	50	1.7	S	210		4252578-01	4251695-01
	16	2	50	1.7	W	210		4254570-01	4253612-01
	14	1 1/4	32	2.2	S	350		4251890-01	-
	14	2	50	2.2	S	345		4252594-01	4251717-01
	14	2	50	2.2	W	345		4254597-01	4253639-01

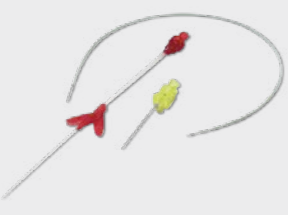
IV CATHETERS

Introcan Safety® 3	Gauge	Catheter length		Catheter ø (mm)	Flow rate (ml/min)	Units per box	Code no. (REF)	
		(inch)	(mm)				FEP	PUR
	24	3/4	19	0.7	22	50	-	4251127-01
	22	1	25	0.9	35		-	4251128-01
	20	1	25	1.1	65		-	4251129-01
	20	1 1/4	32	1.1	60		-	4251130-01
	20	2	50	1.1	55		-	4251137-01
	18	1 1/4	32	1.3	105		-	4251131-01
	18	1 3/4	45	1.3	100		-	4251132-01
	16	1 1/4	32	1.7	195		-	4251136-01
	16	2	50	1.7	185		-	4251133-01
	14	1 1/4	32	2.2	325		-	4251135-01
	14	2	50	2.2	310		-	4251134-01


Vasofix® Safety	Gauge	Catheter length		Catheter ø (mm)	Flow rate (ml/min)	Units per box	Code no. (REF)	
		(inch)	(mm)				FEP	PUR
	24	3/4	19	0.7	22	50	-	4269071S-01
	22	1	25	0.9	36		4268091S-01	4269098S-01
	20	1	25	1.1	65		-	4269217S-01
	20	1 1/4	33	1.1	61		4268113S-01	4269110S-01
	18	1 1/4	33	1.3	103		4268334S-01	4269330S-01
	18	1 3/4	45	1.3	96		4268130S-01	4269136S-01
	17	1 3/4	45	1.5	128		4268156S-01	4269152S-01
	16	2	50	1.7	196		4268172S-01	4269179S-01
	14	2	50	2.2	343		4268210S-01	4269225S-01

PORTFOLIO OVERVIEW

ARTERIAL SELDINGER CATHETERIZATION KITS

Arteriofix® V	Description	Catheter		Cannula		Guide-wire	Units per box	Code no. (REF)
		Diameter (G)	Length (mm)	Diameter (mm)	Length (mm)			
	Arterial Catheterisation kit with valve	22	70	0.80	50	25-0.021"	20	5206364
		20		0.95		25-0.025"		5206363
		20	0.95	70	40-0.025"	5206362		
		18	1.30	40-0.035"	5206361			

CENTRAL VENOUS CATHETERS

Certofix® protect	Product	Cath. lumen ø G	Flow rate (ml / min) *	Length (cm)	Guide wire length (cm)	Units per box	Code no. (REF)**
	without scalpel and Safsite® valve						
	Mono V 320 Protect	16	D 52	20	50	10	4160266P
	Mono V 420 Protect	14	D 80	20	50		4160320P
	Mono V 330 Protect	16	D 40	30	70		4160290P
	Mono V 430 Protect	14	D 75	30	70		4160789P

* D (distal); M1 (middle1); M2 (middle2); M3 (middle3); P (proximal)


The base material of the central venous catheter Certofix® protect is polyurethane (PUR). All lumens, including the hub and the outer surface of the catheter, are embedded with a long-chain polymer based on methacrylate. Catheter material includes also hydrophilic side groups such as polyethylene glycol and antiseptic polymeric biguanide.

** Please check the regional Ref. no within your country and region.

Main set accessories include: Valve needle, Kink-proof guide wire with flexible J-tip, Safsite® valves.

For securing of the catheter: fixation wing at the channel junction and a protruding, adjustable fixation wing.

CENTRAL VENOUS CATHETERS

Certofix® protect	Product	Cath. lumen ø G	Flow rate (ml / min) *	Length (cm)	Guide wire length (cm)	Units per box	Code no. (REF)**
	with scalpel and Safsite® valve						
	Duo V 715 Protect	16/16	D 60; P 50	15	50	10	4166159P
	Duo V 720 Protect	16/16	D 55; P 45	20	50		4161211P
	Duo V 730 Protect	16/16	D 52; P 37	30	70		4161319P
	Duo HF V 720 Protect	14/18	D 100; P 27	20	50		4168534P
	Trio V 715 Protect	16/18/18	D 50; M1 28; P 28	15	50		4162153P
	Trio V 720 Protect	16/18/18	D 46; M1 22; P 22	20	50		4163214P
	Trio V 730 Protect	16/18/18	D 38; M1 18; P 18	30	70		4163311P
	Trio HF V 1220 Protect	16/12/12	D 55; M1 165; P 165	20	50		4160622P
	Quattro V 815 Protect	14/18/18/16	D 50; M1 20; M2 20; P 50	15	50		4167767P
	Quattro V 820 Protect	14/18/18/16	D 40; M1 15; M2 15; P 40	20	50		4167775P
	Quattro V 830 Protect	14/18/18/16	D 35; M1 10; M2 10; P 35	30	70		4167783P
	Quinto V 1220 Protect	16/18/18/18/12	D 55; M1 28; M2 28; M3 28; P 185	20	50		4166868P

* D (distal); M1 (middle1); M2 (middle2); M3 (middle3); P (proximal)

The base material of the central venous catheter Certofix® protect is polyurethane (PUR). All lumens, including the hub and the outer surface of the catheter, are embedded with a long-chain polymer based on methacrylate. Catheter material includes also hydrophilic side groups such as polyethylene glycol and antiseptic polymeric biguanide.

** Please check the regional Ref. no within your country and region.

Main set accessories include: Valve needle, Kink-proof guide wire with flexible J-tip, Safsite® valves.

For securing of the catheter: fixation wing at the channel junction and a protruding, adjustable fixation wing.

PORTFOLIO OVERVIEW

ACCESS PORTS

Celsite® Safety	Material	OD (F/mm)	ID (mm)	Length (mm)	Flow rate (ml/min)		Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**						Implan- tation technique	Type	Code no. (REF)
					19G	22G	Viscosity 5.8 mPa.s (cP)			Viscosity 11.4 mPa.s (cP)					
							22G	20G	19G	22G	20G	19G			
Standard															
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	2	5	5	Surgical cut-down	T601F	4437556
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	2	5	5	Surgical cut-down	T601L	4437573
	PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	2	5	5	Surgical cut-down	T601P	4437565
	PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	2	5	5	Surgical cut-down	T601H	4437581
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	2	5	5	Seldinger	SST601F	4437603
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	2	5	5	Seldinger	SST601L	4437612
	Silicone	10 / 3.2	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST601G	4437620
	PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	2	5	5	Seldinger	SST601P	4437607
	PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST601H	4437617
Small															
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	2	5	5	Surgical cut-down	T605F	4437758
	Silicone	10 / 3.2	1.6	500	48	12	2	5	5	2	5	5	Surgical cut-down	T605G	4437786
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	2	5	5	Seldinger	SST605F	4437803
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	2	5	5	Seldinger	SST605L	4437817
	Silicone	10 / 3.2	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST605G	4437822
	PUR	5 / 1.6	1.1	500	26	10	2	5	5	2	5	5	Seldinger	SST605C	4437800
	PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	2	5	5	Seldinger	SST605P	4437809
	PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	2	5	5	Seldinger	SST605H	4437813

For more information on the complete portfolio of access ports, please consult the Access Port Systems brochure (REF 6050179) or visit our website www.bbraun.com.

ACCESS PORTS

Celsite® Safety SNT with ultra- sound cover*	Material	OD (F/mm)	ID (mm)	Length (mm)	Flow rate** (ml/min)		Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)***			Implan- tation technique	Type	Code no. (REF)
					19G	22G	Viscosity 11.4 mPa.s (cP)					
							22G	20G	19G			
Standard												
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SNT601F (US Probe)	4437592
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SNT601L (US Probe)	4437593
Small												
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SNT605F (US Probe)	4437594
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SNT605L (US Probe)	4437595

* Available in CE marked countries

** Gravity infusion of saline (0.9%) through a 22G respectively 19G needle from a height difference of 1 m and a catheter length of 40 cm. According to ISO 10555-1

*** Flow rates determined according to ISO 10555-6 with a catheter of 20 cm and Surecan® Safety II 20 mm needle


Celsite® Safety with silicone plugs	Material	OD (F/mm)	ID (mm)	Length (mm)	Flow rate* (ml/min)		Recommended maximum flow rates (mL/s) Contrast media at 37°C (325 psi = 22.4 bar)**			Implan- tation technique	Type	Code no. (REF)
					19G	22G	Viscosity 11.4 mPa.s (cP)					
							22G	20G	19G			
Standard												
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SST701F	4437605
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SST701L	4437614
	Silicone	10 / 3.2	1.6	500	48	12	2	5	5	Seldinger	SST701G	4437621
	PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	Seldinger	SST701P	4437609
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Surgical cut-down	T701F	4437560
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Surgical cut-down	T701L	4437578
Small												
	Silicone	6.5 / 2.2	1.1	500	26	10	2	5	5	Seldinger	SST705F	4437805
	Silicone	8.5 / 2.8	1.2	500	34	11	2	5	5	Seldinger	SST705L	4437818
	Silicone	10 / 3.2	1.6	500	48	12	2	5	5	Seldinger	SST705G	4437790
	PUR	5 / 1.6	1.1	500	26	10	2	5	5	Seldinger	SST705C	4437801
	PUR	6.5 / 2.1	1.4	500	37	12	2	5	5	Seldinger	SST705P	4437807
	PUR	8.5 / 2.8	1.6	500	48	12	2	5	5	Seldinger	SST705H	4437815

* Gravity infusion of saline (0.9%) through a 22G respectively 19G needle from a height difference of 1 m and a catheter length of 40 cm. According to ISO 10555-1

** Flow rates determined according to ISO 10555-6 with a catheter of 20 cm and Surecan® Safety II 20 mm needle


PORTFOLIO OVERVIEW

ACCESS PORT NEEDLES

Surecan® Safety II	Size (G)	Cannula diameter (mm)	Cannula length (mm)	Units per box	Code no. (REF)
	19	1.1	12	20	04447042
	19	1.1	15		04447000
	19	1.1	20		04447001
	19	1.1	25		04447002
	19	1.1	32		04447003
	19	1.1	38		04447004
	20	0.9	12		04447043
	20	0.9	15		04447005
	20	0.9	20		04447006
	20	0.9	25		04447007
	20	0.9	32		04447008
	20	0.9	38		04447009
	22	0.7	12		04447044
	22	0.7	15		04447010
	22	0.7	20		04447011
	22	0.7	25		04447012
	22	0.7	32		04447013

For more information on the complete portfolio of access port needles, please consult the Access Port Needles brochure (REF 6050179) or visit our website www.bbraun.com.



ACCESS PORT NEEDLES

Surecan® Safety II with Y site and Caresite®	Size (G)	Cannula diameter (mm)	Cannula length (mm)	Units per box	Code no. (REF)
	19	1.1	12	20	04447057
	19	1.1	15		04447045
	19	1.1	20		04447046
	19	1.1	25		04447047
	19	1.1	32		04447048
	19	1.1	38		04447049
	20	0.9	12		04447058
	20	0.9	15		04447050
	20	0.9	20		04447051
	20	0.9	25		04447052
	20	0.9	32		04447053
	22	0.7	12		04447059
	22	0.7	15		04447054
	22	0.7	20		04447055
	22	0.7	25		04447056

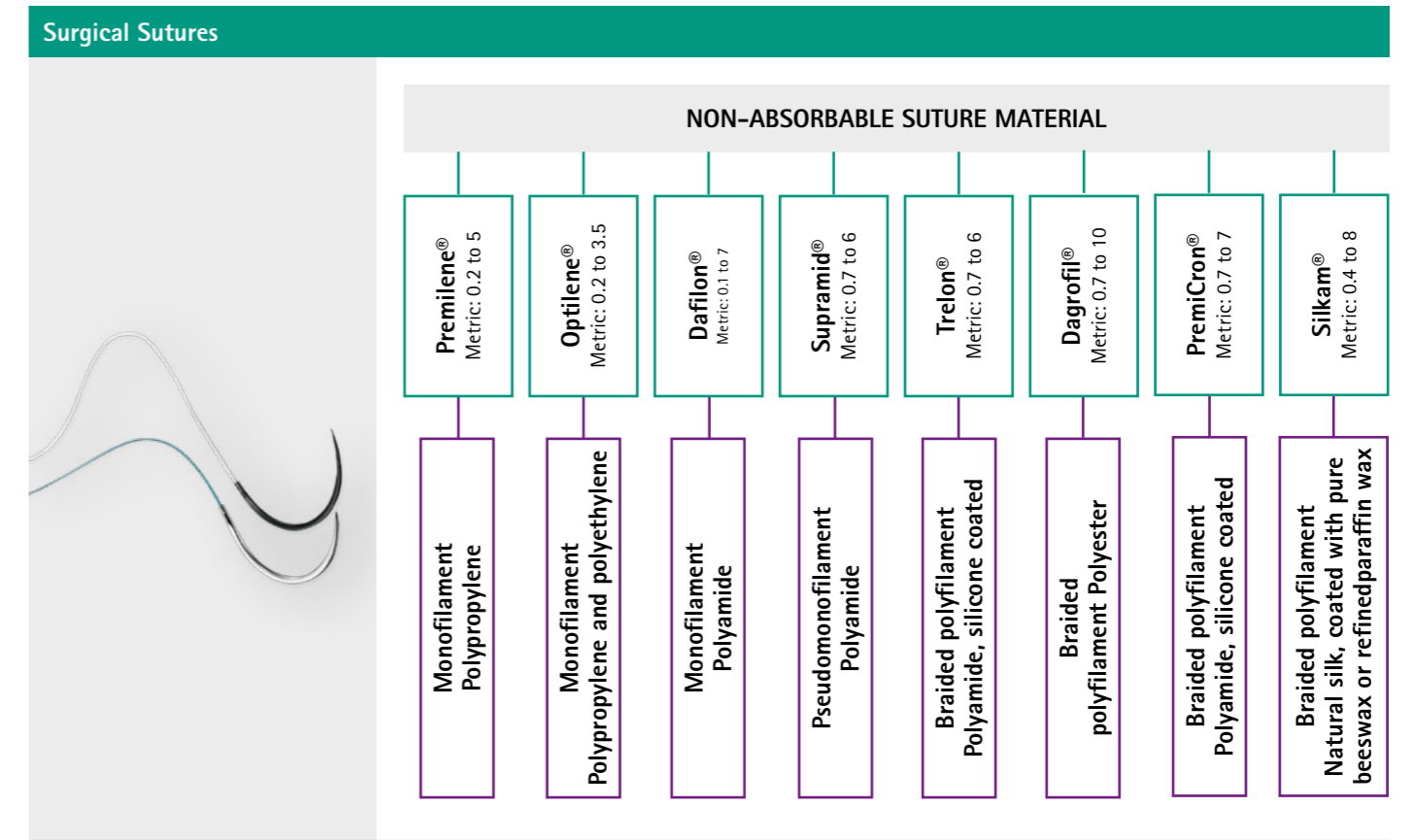
For more information on the complete portfolio of access port needles, please consult the Access Port Needles brochure (REF 6050179) or visit our website www.bbraun.com.

PORTFOLIO OVERVIEW

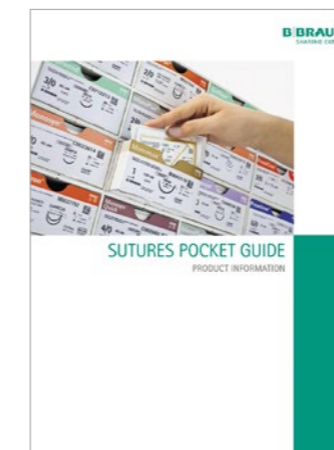
DRESSINGS FOR CATHETER SECUREMENT

Dressings for IV catheters	Product	Description	Size (cm)	Units per box	Code no. (REF)
	Notched IV catheter dressings				
	Askina® Soft IV	▪ Non-woven dressing with integrated non-adherent absorptive pad	8 x 6	50	9086919
	Askina® Soft Clear IV	▪ Transparent IV dressing with integrated non-adherent absorptive pad	8 x 6	50	9086893
	IV catheter dressings				
	Askina® Derm	▪ Transparent dressing suitable for covering CVC and PICC line puncture sites	6 x 7	100	F72033
10 x 12			50	F72036	
Fixation tapes	Product	Description	Size (cm)	Units per box	Code no. (REF)
	Askina® Silk	▪ Straight silk tape on rolls for catheter securement	1.25	24	9080112
			2.5	12	9080120
	Askina® Pore	▪ Straight non-woven tape on rolls for catheter securement	1.25	24	9081011
			2.5	12	9081020
	Askina® Film	▪ Straight foil tape on rolls for catheter securement	1.25	24	9081500
			2.5	12	9081518

SUTURES




For more information on available curvature angles, needle body, and point types as well as needle lengths, please consult the Sutures Pocket Guide.







To directly download a PDF-file of the **Sutures Pocket Guide** to your mobile device, please scan the adjacent QR-Code with a suitable reader application.




PORTFOLIO OVERVIEW

EXTENSION LINES




Safeflow	Description	PVC-free	Latex-free	DEHP-free	Units per box	Code no. (REF)
	▪ Safeflow valve, blue	■	■	■	50	409100H
	▪ Safeflow valve, red	■	■	■		409110H

Safeflow extension sets	Description	Tube length (cm)	Tubing inner ø (mm)	PVC-free tubing	Latex-free	DEHP-free tubing	Units per box	Code no. (REF)
	▪ Smallbore extension set with Safeflow valve	10	1.0	■	■	■	100	4097154N
	▪ Smallbore Y-extension set with two Safeflow valves	12	1.0	■	■	■		4097145N
	▪ Smallbore Y-extension set with two Safeflow valves and back check valve	12	1.0	■	■	■		4097148N


Caresite®	Description	Priming volume (ml)	Latex-free	DEHP-free	Units per box	Code no. (REF)
	▪ Luer access device	0.22	■	■	100	415122


Caresite® extension sets	Description	Tube length (cm)	Priming volume (ml)	Tubing inner ø (mm)	Latex-free	DEHP-free tubing	Units per box	Code no. (REF)
	▪ Smallbore extension set with Caresite®, Spin-Lock (high pressure – for power injectors)	20	0.5	1.3	■	■	100	470100-01
	▪ Standardbore extension set with Caresite®, Spin-Lock	15	0.9	2.8	■	■		470108-01
	▪ Bifurcated smallbore extension set with 2 Caresite®, Spin-Lock	18	0.9	1.3	■	■		470106-01

EXTENSION LINES

Caresite® extension sets	Description	Tube length (cm)	Priming volume (ml)	Tubing inner ø (mm)	Latex-free	DEHP-free tubing	Units per box	Code no. (REF)
	▪ Smallbore double extension set with 2 Caresite®, 2 back-check valves, Spin-Lock	22	1.6	1.3	■	■	100	470182
	▪ Smallbore triple extension set with 3 Caresite®, Spin-Lock	20	1.3	1.3	■	■		470160
	▪ Smallbore triple extension set with 3 Caresite®, 3 back-check valves, Spin-Lock	22	2.0	1.3	■	■		470161


STOPCOCKS




Discofix® C Closed System Stopcocks with valves	Color code	Rotating-adaptor	Priming volume (ml)	Latex-free	DEHP-free	Units per box	Code no. (REF)
	■	■	0.3	■	■	100	16494CSF
	□	■	0.3	■	■		16495CSF


Discofix® C Closed System Stopcocks with valves and extension	Color code	Rotating-adaptor	Tube length (cm)	Priming volume (ml)	Latex-free	DEHP-free tubing	Units per box	Code no. (REF)
	■	■	10	0.8	■	■	50	16500CSF
	□	■	10	0.8	■	■		16501CSF
	■	■	25	1.6	■	■		16520CSF
	■	■	50	2.8	■	■		16540CSF
	■	■	75	4.0	■	■		16551CSF
	■	■	100	5.3	■	■		16560CSF

PORTFOLIO OVERVIEW

PRE-FILLED FLUSH SYRINGES AND DISINFECTION CAPS


Omniflush®	Filling volume (ml)	Syringe volume (ml)	Units per box	Code no. (REF)
	Omniflush®			
	10	10	30	3240576
	5	10		3240575
	3	10		3240572
	10	10	100	EM-3513576
	5	10		EM-3513575
	3	10		EM-3513572
Omniflush® Sterile Field				
10	10	35	EM-3570660	

Omniflush® with SwabCap®	Description	Volume	Units per box	Code no. (REF)
	▪ Omniflush® with SwabCap® 10 ml in 10 ml	10 ml 0.9% sodium chloride (NaCl)	100	EM-3513576SC
	▪ Omniflush® with SwabCap® 5 ml in 10 ml	5 ml 0.9% sodium chloride (NaCl)		EM-3513575SC
	▪ Omniflush® with SwabCap® 3 ml in 10 ml	3 ml 0.9% sodium chloride (NaCl)		EM-3513572SC

SwabCap®	Description	Units per box	Code no. (REF)
	▪ SwabCap® valve cap with 70% IPA	200	EM-SCXT3
	▪ SwabPack® – 10 x SwabCap® valve cap with 70% IPA	250	EM-SCXT3-10
	▪ SwabPack® – 25 x SwabCap® valve cap with 70% IPA	300	EM-SCXT3-25


MEDICAL WASTE DISPOSAL

Sharps container


Medibox®	Description	Volume (L)	Units per box	Code no. (REF)
	▪ According ISO 23907 2012 (sharps injury protection – requirements and test methods – sharps containers)	0.7	10	9193405
		2.4	27	9193600
		4.7	25	9193618
		5.7	25	9193627
		6.8	22	9193639
		9.1	13	9193640

Important remark: Order quantities may vary based on the local conditions, please contact your B. Braun representative.

SYRINGES

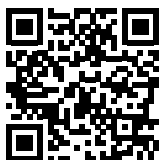
Omnifix® without needle	Volume (ml)	Total graduated capacity (ml)	Units per box	Code no. (REF)	
	Omnifix® Luer Solo				
	2	2.5	100	4616022V	
	3	-		4616025V	
	5	-		4616057V	
	10	12		4616103V	
	20	-		4616200V	
	30	-		4616308F	
	50	60		4616502F	
	Omnifix® Luer Lock				
	2	2.5		100	4617029V
	3	-	4617022V		
	5	-	4617053V		
	10	12	4617100V		
	20	-	4617207V		
	30	-	4617304F		
50	60	4617509F			

Omnifix® syringes are also available with detached hypodermic needle (Omnifix® Duo).

Injekt® without needle	Volume (ml)	Total graduated capacity (ml)	Units per box	Code no. (REF)
	Injekt® Luer Solo			
	2	3	100	4606027V
	5	6		4606051V
	10	12		4606108V
	20	24		4606205V
	Injekt® Luer Lock			
	2	3	100	4606701V
	5	6		4606710V
	10	12		4606728V
	20	24		4606736V

Injekt® syringes are also available with detached hypodermic needle (Injekt® Luer Duo, Injekt® Luer Lock Duo).

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For more information about risk prevention in infusion therapy, please scan the QR-code or visit:

WWW.SAFEINFUSIONTHERAPY.COM

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