



B. Braun Vet Care  
Proven quality from  
in-house production

# RELIABLE DRUG ADMIXTURE AND ADMINISTRATION

The system solution for enhanced safety through each process step

## RISK PREVENTION IN ONCOLOGY

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

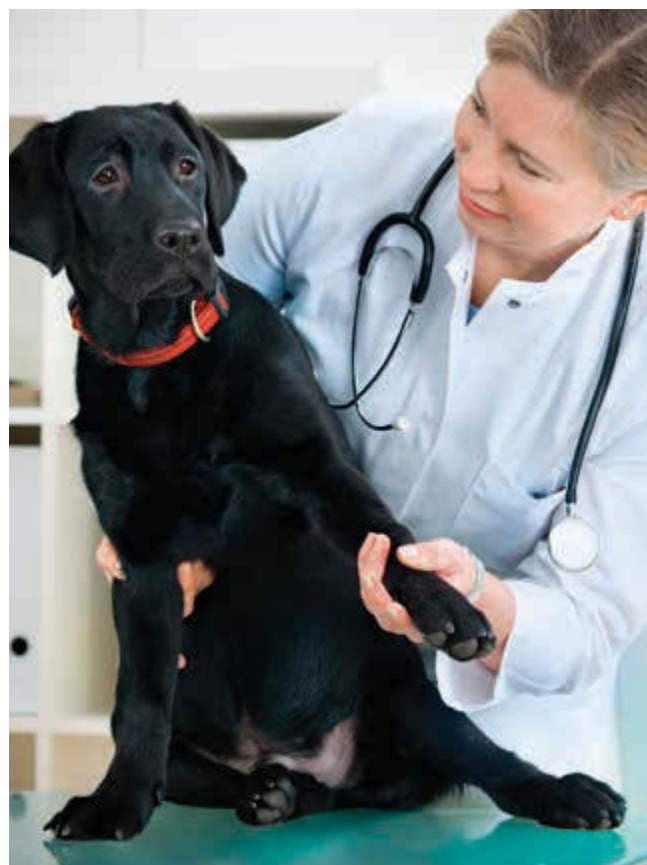
Handling high alert medications such as cytostatic drugs requires the highest caution by the healthcare worker due to the risks that may arise during manipulation either in the pharmacy during the drug admixture or at the bedside during the drug delivery process. <sup>(1, 2, 3, 4, 5)</sup>

To avoid users being exposed to these and other risks, we offer a complete portfolio of safety enhancing products whose combined use forms a closed system and represents a reliable option for both healthcare workers and patients in oncology.

# YOUR PARTNER IN EVERY STEP

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# PRIOR DRUG ADMIXTURE

## SOFTASKIN®

Mild wash lotion with skin neutral pH for the protection of sensitive skin, ideal for frequent use.



## SOFTA-MAN®

The hand disinfection for sensitive skin. Active against bacteria incl. MRSA, mycobacteria (M. terrae), fungi, viruses (including HBV/HIV/HCV, herpes simplex, vaccinia, rota, noro, adeno).



## MELISEPTOL® FOAM PURE / MELISEPTOL® WIPES SENSITIVE

Rapid foam disinfection for non-invasive medical devices and small areas. Active against bacteria (incl. TbB and MRSA), fungi, enveloped viruses (incl. HBV, HCV, HIV, vaccinia virus and BVDV) and active against rota-, polyoma-, noro- and avian Influenza virus. Also available in a dispenser box with ready-to-use wipes.



## 1 VASCO® GLOVES, STERILE AND NON-STERILE

The wide range of Vasco® gloves is available in sterile and non-sterile, latex and latex-free versions, to suit all needs and help users be protected from contact with hazardous drugs.

The sterile versions of Vasco® gloves are recommended for drug preparations in aseptic conditions.



## 2 VISMA® TIE-ON / VISMA® EAR-LOOP

The ear-loop and tie-on surgical face masks made of non-woven, latex-free material.



## 3 ADRETTA BASIC

Adretta Basic bouffant cap for the protection of the user during cytotoxic drug preparation.



Prior to any handling of hazardous drugs, several regulatory bodies recommend healthcare workers to wear Personnel Protective Equipment to reduce their exposure to major potential contamination risks and ensure product sterility <sup>(8, 9)</sup>

For this purpose, B. Braun has developed a comprehensive range of protective wear articles, to help users to feel more secure and comfortable during work in all medical surroundings.



### FOLITEX®

The surgical apron is made of 25 µm thick polypropylene.



### CONCOMP®

The comprehensive data base for compatibility check between drugs, carrier solutions and container material.



### B. BRAUN SHOE COVERS

The polyethylene shoe cover for hospital and homecare use.



# DRUG ADMIXTURE IN AN IV CONTAINER

## 1 OMNIFIX®

The transparent Luer Lock syringe with black graduations is easy to read. In combination with its special gliding properties, it makes the admixture of cytostatic drugs quick and easy.



## STERICAN® MIX

The 40° semi-blunt needle reduces the risk of needlestick injuries but is sharp enough to puncture rubber membranes with no problems.

Color-coding helps prevent mix-ups with a sharp Sterican.



## STERIFIX® FILTER STRAW

This flexible straw is perfect for withdrawing drugs from glass ampoules. The 5 µm filter at the neck removes glass fragments generated when opening ampoules.



## SWABCAP®

Protective valve at patient access or on multidose dispensing pins. The SwabCap® has a sponge soaked in 70% isopropyl alcohol (IPA). During application the sponge is compressed, which releases IPA and soaks the surface and the thread. The disinfection starts.

Once the SwabCap® has been removed, the valve surface is ready to be connected without any further disinfection steps being required.



## MINI-SPIKE® 2 AND MINI-SPIKE® 2 FILTER

The right dispensing pin for every drug in multidose containers.

We recommend the Mini-Spike® 2 for withdrawing liquid medications.

We recommend the Mini-Spike® 2 Filter for dissolving and dispensing drugs that come in powder form.







**CLOSED  
SYSTEM**

according to the NIOSH definition 9.12

1

Even in normal, everyday clinic activity, chemical contamination can occur and lead to unwanted contact with drugs.

Here you can find products that help you increase your own safety and improve your workflows.

# DRUG ADMIXTURE HAZARDOUS TO HEALTH IN A SYRINGE

## TRGS 525 regulates the technical protective measures for the admixture of drugs that are hazardous to health.

The substances are dissolved and mixed using administration sets or pressure relief devices; aerosol-tight, water-repellent membranes or filters (for example dispensing pins) also increase the safety standard.

In addition, the following should be taken into account with regard to administration processes: *So that the cannula does not come away from the syringe in the event of a build-up of pressure, it is recommended that syringes with a Luer Lock connection are used.*

### OMNIFIX®

The highly transparent Luer Lock syringe made of polypropylene has a high contrast black graduation which allows clear readability during the drug admixture with cytostatics.



### PURESITE - CLOSED MALE CONNECTOR

Used in combination with Omnifix® or with Cyto-Set® Mix and Mini-Spike® 2, Pure-Site Closed Male Connector reduces the exposure to toxic drugs and ensures a closed system during the admixture process.



### PURESITE DUST COVER CAP

Onehand cap attachment which helps users save time and reduce contamination. Free of DEHP and PVC.



### MINI-SPIKE®2 CHEMO

Mini-Spike® 2 Chemo is recommended for toxic drug admixture as its 0.2 µm air filter reduces the risk of toxic aerosol release and makes pressure balancing technique unnecessary.



When withdrawing cytostatic solutions from the injection bottle (...), an administration system with an integrated pressure equalization system should be used.

Source: TRGS 525





**CLOSED  
SYSTEM**

according to the NIOSH definition <sup>8.12</sup>

#### SOFTA® CLOTH CHX 2%

Ready-to-use wipes (unfolded 162 mm x 150 mm) with 2% Chlor-hexidine gluconate (CHX) for surface disinfection and decontamination of medical devices.



#### DEFIX® KIDNEY BOWL

The single use kidney bowl made of polystyrene allowing convenient handling.



# DRUG ADMIXTURE IN AN IV CONTAINER

## 1 CYTO-SET® MIX

### 1 The Luer Lock rotation adapter

Audible click on connection to the infusion line grip plate.

*Confirmation of the first use of the Cyto-Set® Mix and Cyto-Set® Line.*

### 2 The PrimeStop cap

Drip-free ventilation of the line.

*The system remains closed until it is connected to the infusion line.*

### 3 The grip plate with valve

Better hold during admixture; crack-resistant material; reduced contamination risk from potential stress cracks.

*Increased user safety at the pharmacy.*

### 4 The spike /the Luer Lock connector

Firm grip at the container infusion port reduces cytostatic leaks.

*Reduced risk of contamination on the way from the pharmacy to the ward.*



## 3 ECOFLAC® PLUS

The PE material of the Eco-flac® plus IV container offers compatibility for drug admixture with most drugs. The ergonomic design helps reduce the risks of sharps injuries, chemical and microbiological contamination and makes the container handling more convenient for the user.



The B. Braun portfolio helps admixture, especially with the Cyto-Set® Mix. This enables needle-free admixture in a closed system.

The crack-resistant grip plate ensures a firm grip. Prior venting of the line with carrier solution guarantees that the user will not come into contact with the cytostatic drug on connection.

## 2 PURESITE CLOSED MALE CONNECTOR

Used in combination with Omnifix® or with Cyto-Set® Mix and Mini-Spike® 2, PureSite Closed Male Connector reduces the exposure to toxic drugs and ensures a closed system during the admixture process.





**CLOSED  
SYSTEM**

according to the NIOSH definition 8.12

#### 4 MINI-SPIKE® 2

With its integrated swabable valve, air filter and particle filter, the Mini-Spike® 2 family helps reduce the risks of microbial, chemical and particulate contamination during drug admixture. The risk of sharps injuries is reduced by the swabable needle-free access valve.



#### 5 MINI-SPIKE® 2 CHEMO

Mini-Spike® 2 Chemo is recommended for toxic drug admixture as its 0.2 µm air filter reduces the risk of toxic aerosol release and makes pressure balancing technique unnecessary.



#### 6 COMBI-STOPPER

The Combi-Stopper closing cone is suitable for male and female ports. It seals the Cyto-Set® Mix needle-free injection port, reducing the exposure to microbiological contamination and ensuring tamper evidence.



# TRANSPORTING THE FINISHED DRUGS

## 1 ECOFLAC® PLUS

Ecoflac® plus is easy to transport and store either standing upright or laying on its side. Made of polyethylene, it is virtually unbreakable even in case it is dropped by accident.



## 2 PURESITE CONNECTOR AND PURESITE DUST COVER CAP

PureSite is easier and safer to transport with its self sealing technology and the protective Dust Cover Cap.



## 3 COMBI-STOPPER

The closing cone ensures the tamper evident sealing of the needle-free access port of Cyto-Set® Mix during transportation.



During transportation of chemotherapy drugs within the health care facility, special precautions need to be followed to prevent breakage, contain drug spills and minimize exposure.<sup>9</sup>

In line with these precautions, B. Braun offers dedicated products which help reduce the risks of exposure to cytostatic drugs during transportation to the ward.

Clear labeling also signals to the staff responsible that the transport must be organized with appropriate care. For this, B. Braun recommends the use of a red Combi stopper to close the injection valve used on the Cyto-Set® Mix.





# DRUG DELIVERY THROUGH A BOLUS INJECTION

## 1 OMNIFIX®

The highly transparent luer lock syringe made of polypropylene.



## SUPPLEMENTARY SET

This practical set contains everything you need for the admixture and administration of oncotherapy.

*You just have to add the corresponding Luer long syringe.*

The sterile and absorbent base guarantees optimal hygiene conditions and protection during admixture.

## OMNIFLUSH®

Omniflush® is a prefilled flush syringe. It improves the flushing process by enabling the preparation step is omitted.



## 2 PURESITE CLOSED MALE CONNECTOR

Enables a closed system for syringe and IV secondary set which helps reduce the exposure to chemical and microbiological contamination upon drug delivery. The chemically inert material makes PureSite compatible with most toxic drugs.



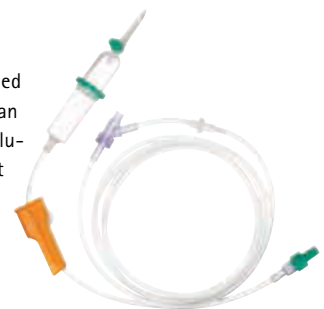
The risk of contamination for personnel is particularly high during injection. For example, drops can form on the syringe as a result of unexpected patient movements.

The PURESITE connector safely prevents this as it remains closed and dry until connection to the injection port.

## 3 INTRAFIX® SAFESET WITH CARESITE MEMBRANE VALVE

After the infusion system has been filled with carrier solution, the drug bolus can be injected needle-free. The carrier solution transports the drug to the patient without residual volume.

All connections are free of cytostatic drugs on disconnection.





## CLOSED SYSTEM

according to the NIOSH definition <sup>B-12</sup>



### EXTENSION LINE WITH CARESITE

Thanks to the smooth and swabbable surface, Caresite luer access device protects against microbiological contamination. The positive displacement prevents the occlusion of the catheter.



### DISCOFIX® C CLOSED SYSTEM

The 3-way stopcock with integrated swabbable valve combines the unique resistance to stress cracking of Discofix® C with the convenient needle-free access of the Safeflow valve for injection, aspiration or parallel infusions in a closed system.



# ADMINISTRATION OF CYTOSTATIC DRUGS

## INFUSION

### 1 ECOFLAC® PLUS

The container collapses during the infusion, does not require venting and supports the closed system concept. The constant flow rate and the clear labeling supports monitoring of the ongoing infusion.



### VASOVET®

The PUR catheter is soft and gentle on the vein wall. The helps reduce the risk of extravasation during the cytostatic infusion.



### CYTO-SET® MIX

Cyto-Set® Mix with PureSite enables a secure Luer Lock connection to the Cyto-Set® line and maintains a closed system.



### 2 INFUSOMAT® SPACE

With accurate control, the Infusomat® Space enables precise and constant drug administration and precise monitoring of the infusion therapy.

Treatment profiles can be loaded in advance. This reduces complexity and increases safety. Drug-specific limits prevent over-infusion or under-infusion.



It should be applied by trained personnel or the vet themselves. Existing contamination risks, such as connecting the medication to the patient access as well as changing between different medications, can be minimized by using closed infusion systems such as the Cyto-Set®.

Connecting all drugs for a therapy to only one infusion line and using an infusion solution for flushing prevents repeated handling of the patient port and interim flushing of the line prevents any possible incompatibilities.

The container remains connected to the infusion line even when empty. Therefore, any medication residues remain in the system and can be disposed of as a unit.



1

**CLOSED  
SYSTEM**

according to the NIOSH definition <sup>8,12</sup>

3

2

### 3 CYTO-SET® INFUSOMAT® SPACE

This closed system reduces the risk of contamination with toxic drugs. The risk of a drug incompatibility is reduced, as the system can be flushed at any time with the flushing solution. The needle-free connectors are made of Tritan and all of them have a check valve. A reciprocating infusion is not possible.



### PROSET INTRAFIX® FLUSHING WITH CARESITE

This closed system also keeps the user safe from contamination by toxic drugs. After the drug has entered the system, it can be flushed with the connected infusion and the presence of residual drug volumes can be ruled out.



# DISPOSAL

## 1 ECOFLAC® PLUS

Ecoflac® plus is environmentally friendly when incinerated it only generates H<sub>2</sub>O and CO<sub>2</sub>. It is disposable as a closed system.



## MEDIBOX®

Medibox® container protects from sharps injuries in the disposal phase.



## 2 CYTO-SET® INFUSOMAT® SPACE

Discarding the complete system of Cyto-Set® Infusomat® Space, Cyto-Set® Mix and Ecoflac® plus avoids the exposure to chemical contamination which may occur during the disassembly of the line.



## EXTRUFIX® WASTE BAGS

The polyethylene waste bags are available in high and low density versions, with 8 µm and 23 µm single wall thickness respectively.



Although waste generally only contains a small quantity of cytostatic drugs, a risk for the staff disposing of the waste cannot be ruled out. The Cyto-Set® also reduces the potential risk here and therefore meets the requirements of TRGS 525 for correct disposal.

## PURESITE

PureSite assures a safer disposal as it remains closed and non-removable even after the completion of the therapy.











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Medibox® secure disposal of sharp and pointed objects

# PORTFOLIO OVERVIEW

## PROTECTIVE WEAR

		Type / Size	Units pro pack	Code No. (REF)	Features
Surgical caps					
	Astron doctors cap	green	100	6111500	<ul style="list-style-type: none"><li>■ Non woven polypropylene</li></ul>
	Univers doctors cap	green		6111501	
	Adretta Comfort bouffant cap	green		6111502	
	Adretta Basic bouffant cap	blue		6111503	
		green		6111504	
Surgical face masks					
	Visma® ear-loop		50	6120600	<ul style="list-style-type: none"><li>■ Surgical face mask type II according EN 14683</li><li>■ Bacterial filtration efficiency (BFE) <math>\leq 98\%</math></li><li>■ Breathing resistance <math>&lt; 29,4 \text{ Pac / cm}^2</math></li><li>■ Non woven latex-free material</li></ul>
	Visma® tie-on			6120601	
Surgical apron					
	130 cm length		100	6387100	<ul style="list-style-type: none"><li>■ Transparent, tear-resistant polypropylene</li><li>■ 25 µm wall thickness</li></ul>
	150 cm length			6387101	
	170 cm length			6387102	
Shoe covers					
	unsize		100	6150519	<ul style="list-style-type: none"><li>■ Made from polyethylene</li></ul>

## VASCO® NITRIL UNTERSUCHUNGS- UND SCHUTZHANDSCHUHE

	Type / Size	Units per pack	Code No. (REF)	Features
Vasco® Nitril long				
	XS	100	9205900	<b>Passform</b> <ul style="list-style-type: none"> <li>Very easy to apply due to their nitrile properties</li> </ul>
	S	100	9205918	<ul style="list-style-type: none"> <li>Stable collar with rolled edge</li> <li>Very good elasticity for a comfortable fit</li> </ul>
	M	100	9205926	<b>Sense of touch</b> <ul style="list-style-type: none"> <li>Micro-rough surface for a reliable hold and good instrument handling</li> </ul>
	L	100	9205934	<ul style="list-style-type: none"> <li>Appropriate combination of wall strength and barrier properties</li> </ul>
	XL	100	9205942	<ul style="list-style-type: none"> <li>Recommended in the event of latex sensitivity and latex allergies</li> </ul>






The powder-free B. Braun examination gloves Vasco® Nitrile long have been tested according to ASTM D 6978-5 by independent and recognized institutions (evaluation of the resistance of medical gloves to penetration by chemotherapy drugs).

Note: Wearing two layers of gloves is current practice during cytostatic admixture. In general, changing the outer glove after 30 minutes working time, and both gloves after 1-2 hours is recommended. Defective gloves must be replaced immediately. The product properties are directly dependent on the working conditions and the concentration of the chemicals used. If substances that are hazardous to health are used, the gloves should be checked in advance for damage. Tests and certificates must be viewed as general information and do not describe all current requirements. They do not release users from the responsibility to check that the gloves meet current safety requirements before use. (All data refer to typical individual values / are subject to changes.)

# PORTFOLIO OVERVIEW

## HAND HYGIENE AND DISINFECTION

	Type / Size	Units per pack	Code No. (REF)	Features
Lifosan® soft				
	100 ml	20	18591	<ul style="list-style-type: none"><li>■ Extremely skin-friendly, especially suitable for frequent use</li><li>■ Fresh, pleasant scent</li><li>■ Tested over several years, excellent user acceptance</li></ul>
	500 ml	20	18593	
	1.000 ml	10	18595	
	5.000 ml	1	18609	
Softa-Man® Visco Rub Vet				
	500 ml	20	19621	<ul style="list-style-type: none"><li>■ New, gel-like formula</li><li>■ Less wear, stays on the hand</li><li>■ Disinfection and care in a</li></ul>
	1.000 ml	10	19622	
	5.000 ml	1	19623	
Wall Dispenser				
	Wall Dispenser for 500 ml	1	1418894	<ul style="list-style-type: none"><li>■ The pump is removable from the front side for an easy cleaning</li><li>■ Equipped with two additional Clips (for disinfection and for wash lotion)</li><li>■ The integrated flexible sealing cap minimizes evaporation</li><li>■ Suitable for all standard 500 ml and 1000 ml containers</li><li>■ Suitable for dispensing care lotions</li><li>■ Optional accessories: collection tray, Signal frames and angle plates</li></ul>
	Wall Dispenser for 1.000 ml	1	1418895	

**Softa-Man® / Softa-Man® acute / Softa-Man® pure / Softa-Man® ViscoRub / Softalind® ViscoRub / Softalind® 999 / Softalind® Hand Sanitizer / Softalind® pure**

### Composition

100 ml solution contain

### Active ingredients

45 g Ethanol (100 %), 18 g Propanol.

### Excipients

**Softa-Man®:** Purified Water, Diisopropyl Adipate, Macrogol 6 Glycerol Caprylocaprate (Ph. Eur.), Dexpanthenol, Bisabolol, Perfume (contains Limonene and Linalool), Allantoin.

**Softa-Man® acute:** Purified Water, Macrogol 4000, Butanone, Octyldodecanol (Ph.Eur.), Glycerol, Phosphoric Acid 85%.

**Softa-Man® pure:** Purified Water, Isopropyl Myristate (Ph.Eur.), Octyldodecanol (Ph.Eur.), Dexpanthenol, Glycerol, Bisabolol, Allantoin, Denatonium Benzoate.

**Softa-Man® ViscoRub:** Purified Water, Butanone, Glycerol, Isopropyl Myristate (Ph.Eur.), Cetearyl Ethylhexanoate, Octyldodecanol (Ph.Eur.), Edetol, Acrylates / C10-30 Alkyl Acrylate Crosspolymer, Bisabolol.

### Therapeutic indications

Hygienic and surgical hand disinfection.

### Contraindications

Hypersensitivity (Allergy) to Ethanol, Propanol or any of the other ingredients.

### Undesirable effects

Cases of local alcohol-induced irritation symptoms (e.g. itching, redness) may occur, especially after frequent application. Moreover, contact allergy is possible.

### Warnings

Flammable.

Keep container tightly closed.

Keep away from sources of ignition - No smoking.

Avoid contact with eyes. Do not apply on injured skin or mucous membranes.

For external use only.

52.3 % (w/w) Ethanol

20.9 % (w/w) Propanol

Flash point: 21 to 22 °C (DIN 51 755)

Please refer to local Summary of Product Information before prescribing.




### Marketing authorization holder

B. Braun Melsungen AG

34209 Melsungen, Germany









Last Revision: 02/2012

## SURFACE DISINFECTION

	Type / Size	Units per box	Code No. (REF)	Features
Meliseptol® Foam V				
	750 ml	12	19798	<ul style="list-style-type: none"><li>■ Foam for rapid disinfection of non-invasive medical devices and small areas</li><li>■ Keine Aerosolbildung beim Versprühen</li><li>■ Good material compatibility also with alcohol-sensitive materials, such as acrylic glass, ultrasonic probes, examination chairs</li></ul>
	5.000 ml	1	19598	
Meliseptol® Wipes sensitive				
	60 wipes Dispenser box	1	19582	<ul style="list-style-type: none"><li>■ Soft, ready-to-use wipes (152 x 200 mm) for ultrasound heads and other alcohol-sensitive surfaces</li><li>■ Soaked with Meliseptol® Foam pure</li><li>■ Soft, lint-free fleece quality</li><li>■ Prevents scratching of sensitive surfaces</li></ul>
	60 wipes Refilling pack	1	19530	
Softa® Cloth CHX 2%				
	100 Tücher	1	19581	<ul style="list-style-type: none"><li>■ Ready-to-use wipes</li><li>■ Single use alcohol swabs with 2 % Chlorhexidine gluconate (CHX)</li><li>■ For surface disinfection of medical devices as Discifix® C and Safeflow</li></ul>

## PORTFOLIO OVERVIEW

### IV CONTAINERS AND PROTECTIVE DRUG ADMIXTURE DEVICES AND ACCESSORIES

	Type / Size	Units per pack	Code No. (REF)	Features
Ecoflac® plus				
	1.000 ml	10	-	
	500 ml	10		
	250 ml	10		
	100 ml	20		
	50 ml	20		
Mini-Plasco® connect				
	20 ml	20	-	
	10 ml	20		
	5 ml	20		
Mini-Spike®				
	Mini-Spike® 2	50	4550590	■ Air Filter 0.45 µm
	Mini-Spike® 2 Filter	50	4550591	■ Air Filter 0.45 µm ■ Fluid Filter 5 µm
	Mini-Spike® 2 Chemo	50	4550592	■ Aerosol-holding filter 0.2 µm ■ 5 µm liquid filter
SwabCap®				
	SwabCap valve cap with 70% IFA	200	EM-SCXT3	■ Protects valves at patient access or on multidose spikes
Sterican® Mix				
	Sterican Mix – reduces the risk of needlestick	100	4550400-01	■ Semi-blunt needle for drug admixture
Supplementary set				
	Includes PureSite connector, PureSite dustcap, Mini-Spike® chemo 2 and Intrafix Primeline Caresite.		5015687	



## SYRINGES AND PREFILLED FLUSH SYRINGES

	Type / Size	Units per pack	Code No. (REF)
PureSite			
	PureSite Closed Male Connector	10	4551100
	PureSite Dust Cover Cap	50	4551101
	Combi-Stopper	1.000	4495101
Omnifix® Solo Luer Lock			
	50 ml	100	4617509F
	20 ml	20	4617207V
	10 ml	20	4617100V
	5 ml	100	4617053V
	3 ml	100	4617022V
	2 ml	100	4617029V
Omniflush® NaCl 0.9 %			
	pre-filled with 10 ml, Filling volume 10 ml	100	EM-3513576
	pre-filled with 5 ml, Filling volume 10 ml	100	EM-3513575
	pre-filled with 3 ml, Filling volume 10 ml	100	EM-3513572

## SERVICE



### ConComp®

For all your compatibility questions, more information on: [www.concomp-partner.com](http://www.concomp-partner.com)



# PORTFOLIO OVERVIEW

## DEDICATED IV SETS FOR ONCOLOGY

	Type / Size	Units per pack	Code No. (REF)	Features
Cyto-Set®				



Cyto-Set® Mix

20

A2900N

- with 1 needle-free valve

## Gravity infusion



Intrafix SafeSet P I.S.  
Y-Caresite

10

4063004C



Intrafix Primeline  
Y-Caresite

10

4062158C

ProSet Intrafix Flushing  
with Caresite

50

4110000

## Pump-supported infusion



Cyto-Set®

8250917SP

20

- with 3 needle-free valves




Cyto-Set® pump adapter

A1673S0

- with 4 needle-free valves





INFUSION PUMP

Infusomat® Space	Dimension (mm)	Voltage	Flow rate (ml/h)	Code No. (REF)
	210 x 68 x 124 (W x H x D)	11-16 V DC (supplied by external Space Power Supply or by SpaceStation)	0,1 - 1.200	8713050



# PORTFOLIO OVERVIEW

## CARESITE, DISCOFIX AND VESSEL CATHETER

	Type / Size	Units per pack	Code No. (REF)	Features
<b>Caresite</b>				
		10	415122-01	<ul style="list-style-type: none"> <li>■ Priming volume 0.22 ml</li> <li>■ Latex and DEHP-free</li> </ul>
<b>Extension Sets</b>				
	Internal tube diameter 2.8 mm, 15 cm long	10	470108-01	<ul style="list-style-type: none"> <li>■ Small bore Extension set with SpinLock</li> <li>■ Priming volume 0.9 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	Internal tube diameter 1.3 mm, 18 cm long	10	470106-01	<ul style="list-style-type: none"> <li>■ Bifurcated small bore Extension set with 2 Caresite und SpinLock</li> <li>■ Priming volume 0.9 ml</li> <li>■ Latex and DEHP-free</li> </ul>
<b>Discofix® C Closed System</b>				
	Rotating-Adapter blue	100	16494CSF	<ul style="list-style-type: none"> <li>■ Priming volume 0.3 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	Rotating-Adapter white	100	16495CSF	<ul style="list-style-type: none"> <li>■ Priming volume 0.3 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	10 cm length, blue Rotating-Adapter	50	16500CSF	<ul style="list-style-type: none"> <li>■ Priming volume 0.9 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	10 cm length, white Rotating-Adapter	50	16501CSF	<ul style="list-style-type: none"> <li>■ Priming volume 0.9 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	25 cm length, blue Rotating-Adapter	50	16520CSF	<ul style="list-style-type: none"> <li>■ Priming volume 1.6 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	50 cm length, blue Rotating-Adapter	50	16540CSF	<ul style="list-style-type: none"> <li>■ Priming volume 2.8 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	75 cm length, blue Rotating-Adapter	50	16551CSF	<ul style="list-style-type: none"> <li>■ Priming volume 4.0 ml</li> <li>■ Latex and DEHP-free</li> </ul>
	100 cm length, blue Rotating-Adapter	50	16560CSF	<ul style="list-style-type: none"> <li>■ Priming volume 5.3 ml</li> <li>■ Latex and DEHP-free</li> </ul>
<b>VasoVet – the PUR catheter with veterinary-specific tip</b>				
	Gauge <span style="color: yellow;">■</span> 24, 22 ml / min	200 (4 x 50 Units per box)	4269075	■ Catheter length 19 mm, Ø 0,7 mm
	Gauge <span style="color: blue;">■</span> 22, 35 ml / min		4269102	■ Catheter length 25 mm, Ø 0,9 mm
	Gauge <span style="color: pink;">■</span> 20, 65 ml / min		4269219	■ Catheter length 25 mm, Ø 1,1 mm
	Gauge <span style="color: pink;">■</span> 20, 60 ml / min		4269115	■ Catheter length 32 mm, Ø 1,1 mm
	Gauge <span style="color: green;">■</span> 18, 105 ml / min		4269355	■ Catheter length 32 mm, Ø 1,3 mm
	Gauge <span style="color: green;">■</span> 18, 100 ml / min		4269138	■ Catheter length 45 mm, Ø 1,3 mm

## ACCESSORIES

	Type / Size	Units per pack	Code No. (REF)	Features
Defix® kidney bowl				
	252 x 150 x 40 mm	100	5385200	<ul style="list-style-type: none"><li>■ For single use</li><li>■ Made from polystyrene</li></ul>
Extrufix® waste bags				
	15 l 37 x 50 cm	30 rolls (50 pcs./roll)	6203159	<ul style="list-style-type: none"><li>■ High density polyethylene</li><li>■ 8 µm single wall thickness</li></ul>
	30 l 50 x 60 cm	30 rolls (50 pcs./roll)	6203302	
Extrufix® waste bags				
	6 l 30 x 36 cm	30 rolls (48 pcs./roll)	6201067	<ul style="list-style-type: none"><li>■ Low density polyethylene</li><li>■ 23 µm single wall thickness</li></ul>
	15 l 37 x 50 cm	30 rolls (48 pcs./roll)	6201156	
	30 l 50 x 65 cm	30 rolls (24 pcs./roll)	6201300	
Medibox®				
	Vol. 0,7 l	10	9193405	<ul style="list-style-type: none"><li>■ According ISO 23907 2012</li></ul>
	Vol. 3 l	10	9193413	
	Vol. 5 l	10	9193421	
	Vol. 0,7 l	50	9193502	

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