Transaflow®
Contrast media application

Multi-Patient Syringe Systems for High Performances in the CT and MRI

- High-Pressure Connector
- Syringes
- Multi-patient filling systems
- Patient Lines

Transatlantic
Produkte für eine heile Welt

Safety and Hygiene in Radiology

Our Transaflow Multi-Patient Syringe System optimizes routines in the contrast media application. The system is hygienically safe, from the syringe through the Multi-APS Filling System to the patient line with pathogen barrier – for up to 24 hours.

The certified multiple use syringes and Multi-APS Filling Systems enable users to save both resources and time during their CT and MRI processes. Only the patient line must be exchanged for each new patient. A further benefit is the special drip and sticking stop of the Multi-APS, which allows a highly hygienic application of the filling system.

Quality Made in Germany
Our proven Multi-APS Filling Systems and patient lines were developed with users more than 10 years ago. Today we are still in close contact with radiologists in order to develop the system further in line with the demands of radiographers and radiologists. Transaflow Filling Systems and patient lines are cleanroom manufactured in Germany.

Now available
High-pressure connectors, made in Germany, designed to meet the demanding requirements of medical imaging. They ensure secure connections even under high-pressure conditions and provide tailored solutions for individual customer requirements.



Produced in cleanroom production in Germany



Pathogen barrier in each patient line



Non-drip, non-stick



Ease of handling



Up to 24 hr application period



Cost-reducing

About Transatlantic

Reliable cooperation is built on trust. For that reason, you need a partner you can trust. At Transatlantic, we have advised and supported our customers for over 85 years, and our mission is to create better individualized, more humane and efficient medical care for the benefit of patients and users. You will experience competent support and advice by our qualified medical product advisors when selecting products appropriate for you.

Transaflow Transafix Transaroll Transaplus



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Application 8

High-Pressure Connectors

The genuine alternative, made in Germany

Our high-pressure connectors are designed to meet the demanding requirements of medical imaging. They provide secure connections under high-pressure conditions and support an efficient and safe clinical workflow.



NEW!

FLEXIBLE AND PRESSURE-RESISTANT

Securely Connected, even Under High Pressure

The high-pressure connectors are intended for the delivery of contrast media in angiographic applications involving elevated pressures. With pressure resistance of up to 1,200 PSI or 83 bar and secure Luer-lock connections, they support the reliable administration of contrast media.

Available in various line lengths of up to 240 cm and in versions with or without a rotating adapter, the high-pressure connectors provide suitable solutions for individual customer requirements and current market developments.

Overview of the Benefits:

- Suitable for the administration of contrast media in angiography
- Pressure-resistant up to 1,200 PSI / 83 bar
- Standardized and reliable thanks to a secure Luer-lock connection
- Flexible use with various lengths of up to 240 cm
- Available with or without a rotating adapter
- Sterile and individually packaged, either coiled or lengthwise
- Transparent for visual inspection
- Flexible PVC material
- Made in Germany

Duration of use:
Replace the line after each patient

Syringes for CT & MRI

Multi-patient syringe system

The syringes of the multi-patient syringe system are intended for the administration of contrast media and saline. They are approved for use for 12 or 24 hours in combination with our multi-patient filling systems for connection to commercially available syringe injectors.

Our syringes are compatible with the following injectors – an overview

Whether for CT or MRI, the Transaflow® multi-patient syringe system for the administration of contrast media enables hygienically safe, time-saving and resource-efficient workflows in radiology. Both the syringes and the Multi-APS systems are compatible with all commonly used syringe injectors.

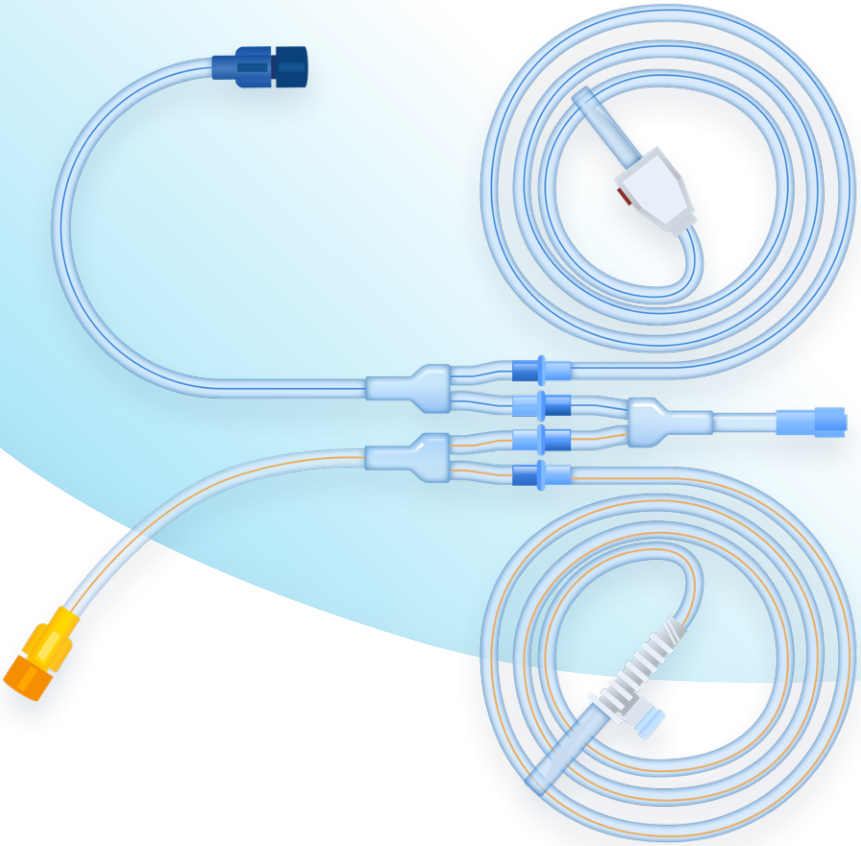


Injector Manufacturer/ Model	Device Type	Multi-APS & Patient Lines	Syringe	Syringe Specification	Application Time	Art.No.	PN Manufacturer
Medrad® Stellant	CT	✓	✓	Syringe 200 ml	up to 24 hrs up to 12 hrs	2850100 2840100	R100102 M100102
Medrad® Spectris Solaris EP	MRT	✓	✓	Syringe Set 65 / 115 ml	up to 24 hrs up to 12 hrs	2850002 2840002	M130204 M100302
Medtron Accu-tron®	CT/MRT	✓	✓	Syringe 200 ml	up to 24 hrs up to 12 hrs	2850300 2840300	R400104 M400104
Nemoto Dual Shot alpha 7	CT	✓	✓	Syringe 100 ml	up to 24 hrs up to 12 hrs	2850411 2840411	R300101 M300101
Nemoto Dual Shot alpha 7	CT	✓	✓	Syringe 200 ml	up to 24 hrs up to 12 hrs	2850412 2840412	R300102 M300102
Nemoto Sonic Shot 7	MRT	✓	✓	Syringe 60 ml	up to 24 hrs up to 12 hrs	2850400 2840400	R340300 M340300
Guerbet Opti-Vantage® (before Mallinckrodt)	CT	✓	✓	Syringe 200 ml	up to 24 hrs up to 12 hrs	2850500 2840500	R200101 M200101
Bracco Empower CTA®	CT	✓	✓	Syringe Set	Single-use Product	2820200	420102

Transaflow Multi-APS

Multi-APS Safety Filling Systems

Our Multi-APS Filling Systems are suitable for multliple use both with the CT and the MRI. They are compatible with all commonly used syringe injectors and, depending on the type of syringe injector, (mono or dual injectors) and the individual requirement.



Transaflow® 12 hr Multi-APS 23

Item no. 2590323

An Overview of the Benefits

- PHT / DEHP and not made with natural rubberlatex
- Certified by German Society for Hospital
- Hygiene (DGKH)
- Quality “Made in Germany”
- Multiple application up to 12/24 hr
- Closed system
- Highest hygienic safety
- Non-drip, non-clog
- Additional variants, e.g., for scan bags or prefilled pressure syringe injectors available on request

Transaflow® 24 hr Multi-APS

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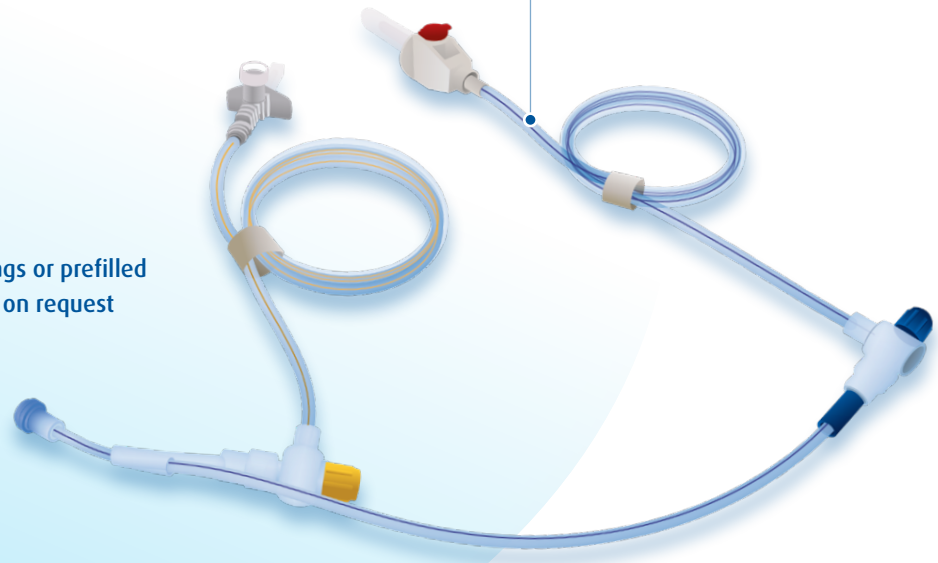


Maximum application period

12 or 24 hours

Patient Lines

Multi-APS Safety Filling Systems

Our lines come in different lengths and two variants: straight/PWL and spiraled/PWLS. All Transaflow patient lines have a specially developed pathogen barrier, which safely inhibits bacteria of any kind and prevents bacterial and viral contamination. Due to the color coding, the Transaflow PWL/PWLS can be connected to the Transaflow Multi-APS Safety Filling Systems with no risk of confusion.

Patient line - straight with pathogen barrier

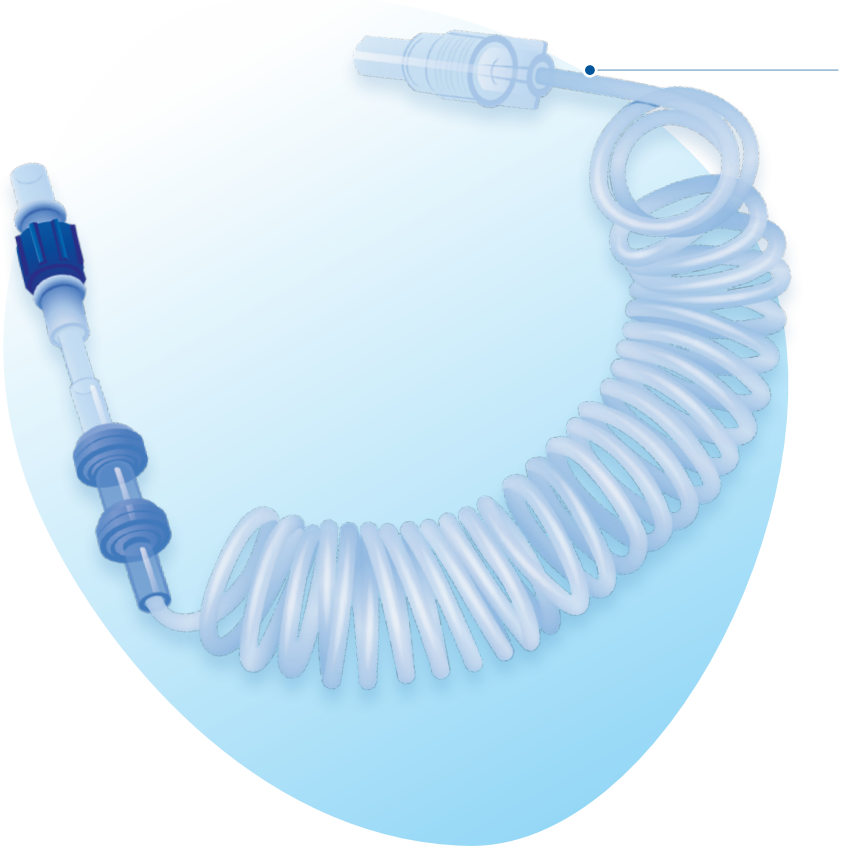


Transaflow PWL-15
150 cm - straight
Item no. 2580436

Transaflow PWL-20
200 cm - straight
Item no. 2580424

Transaflow PWL
250 cm - straight
Item no. 2580501

Transaflow PWL
300 cm - straight
Item no. 2580500



Patient line - spiraled with pathogen barrier

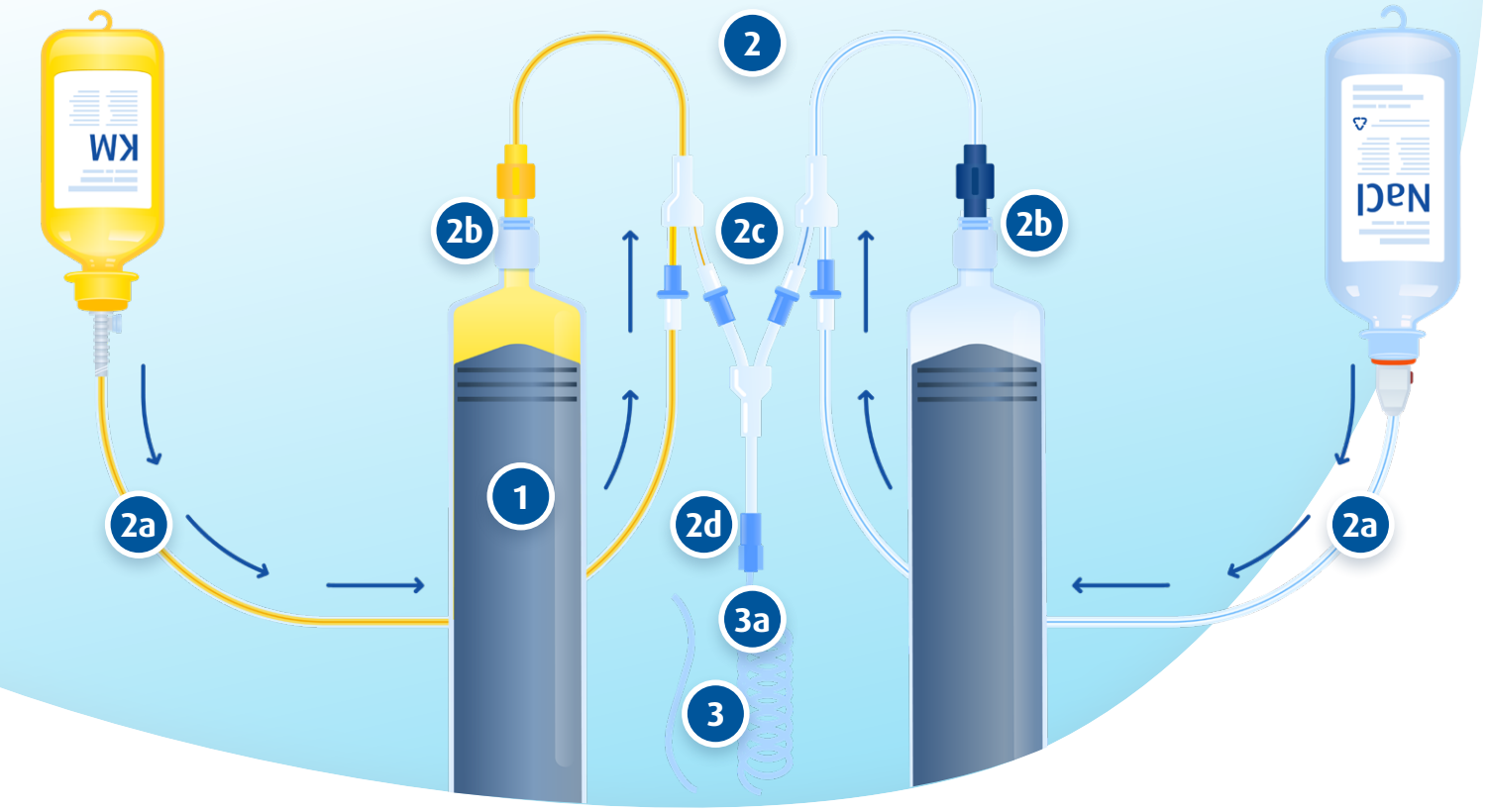
Transaflow PWLS-15
150 cm - spiraled
Item no. 2580437

Transaflow PWLS
200 cm - spiraled
Item no. 2580425

Transaflow PWLS
250 cm - spiraled
Item no. 2580445

Transaflow PWLS
300 cm - spiraled
Item no. 2580443

Maximum application period
Change line between patients



Standardization of the Radiology Routine

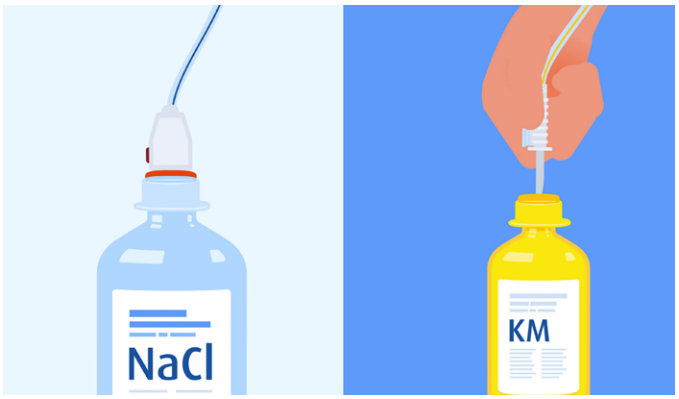
The Multi-Patient Syringe System is comprised of our 12- or 24-hour Transaflow® Multi-APS Contrast Media Filling System and the appropriate 12- or 24-hour injector syringe. The closed system is complemented by our Transaflow® PWL and PWLS patient lines in the desired length. The Multi-Patient Syringe System is suitable for multiple aplication* both in CT and MRI. Transaflow® offers all the benefits of a design based on a closed system – it is sealed, and does not drip or clog.

- **1** Certified* 12- and 24-hour pressure injector syringes with standard connectors
- **2** Certified, closed 12- and 24-hour Transaflow® Multi-APS Contrast Media Filling System
- **2a** Contrast media and saline supply line available with different connectors
- **2b** Standard connectors on the syringes with color coding (yellow = contrast media, blue = saline)
- **2c** Four high-quality check valves
- **2d** Self-closing Luer-lock adapter with homogeneous surface for easy disinfection
- **3** Patient line in various lengths, straight or spiraled
- **3a** Secure pathogen barrier to prevent contamination of the system

** Users should read the medical device instructions for use before use in order to ensure proper application. They are available on request.*
** Inspected and tested by DGKH e.V*

Intuitive · Simple · Hygienic

The Transaflow® Multi-Patient Syringe System in application



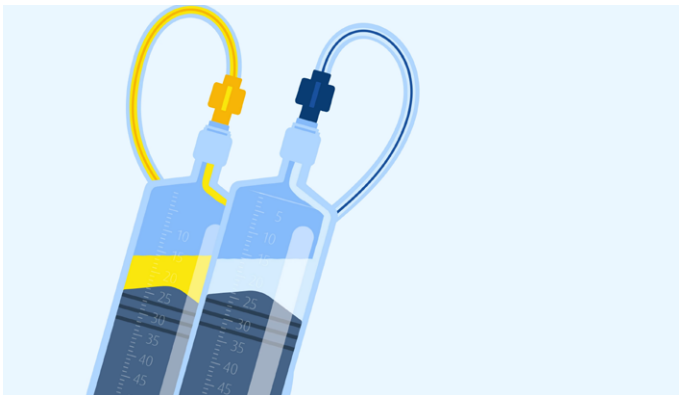
1. Puncture saline and contrast media containers



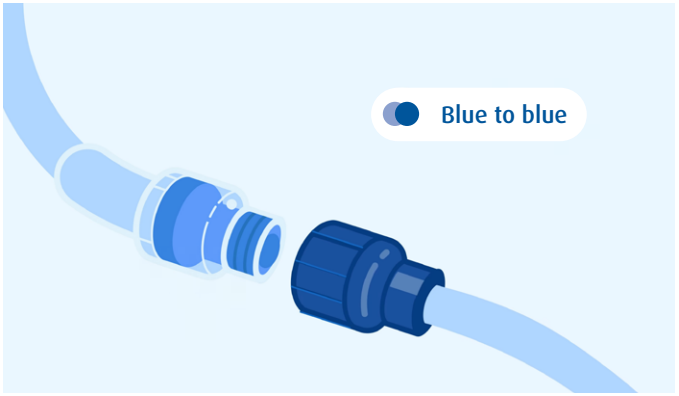
2. Color-coded lines



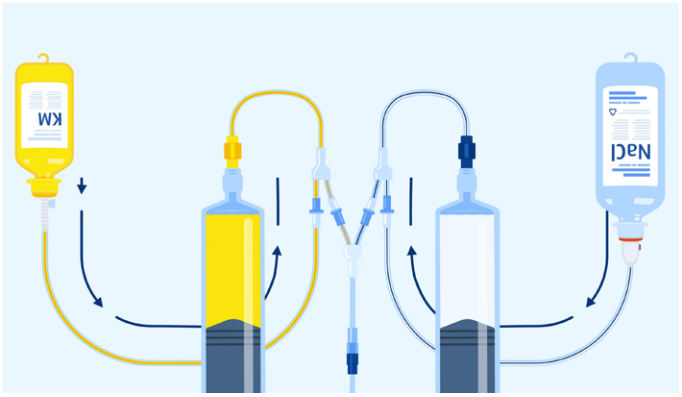
3. Connection to syringes



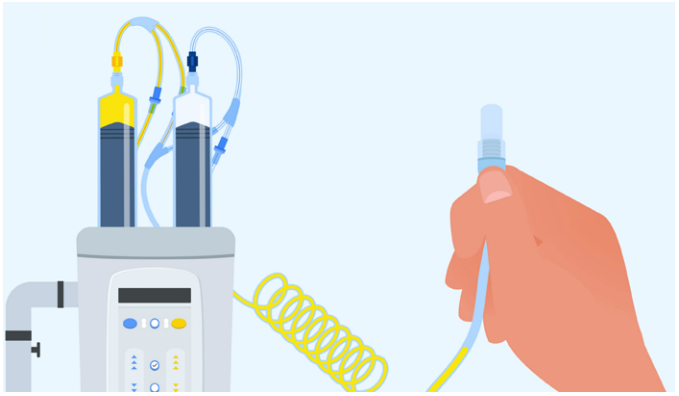
4. Filling of syringes



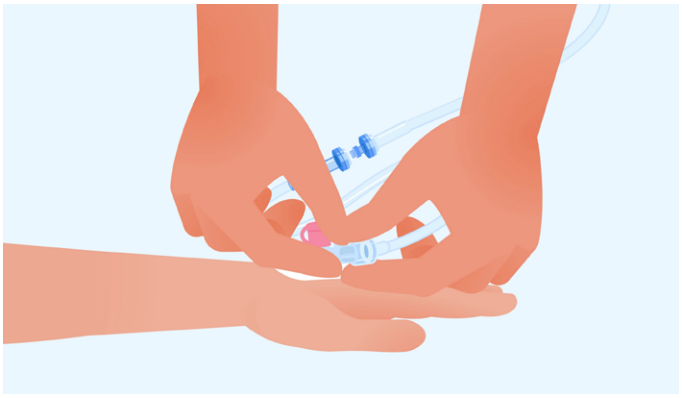
5. Connection of patient line to system



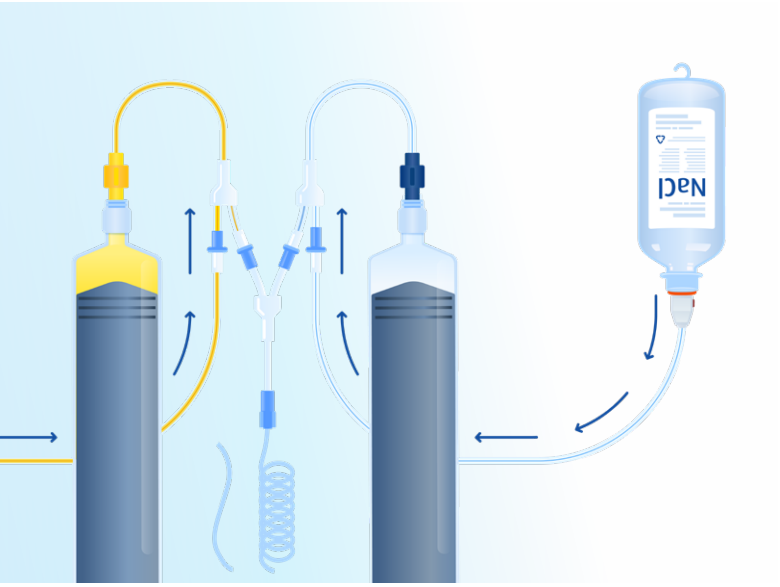
6. Flushing of air from the system



7. Ready-to-use system for the examination



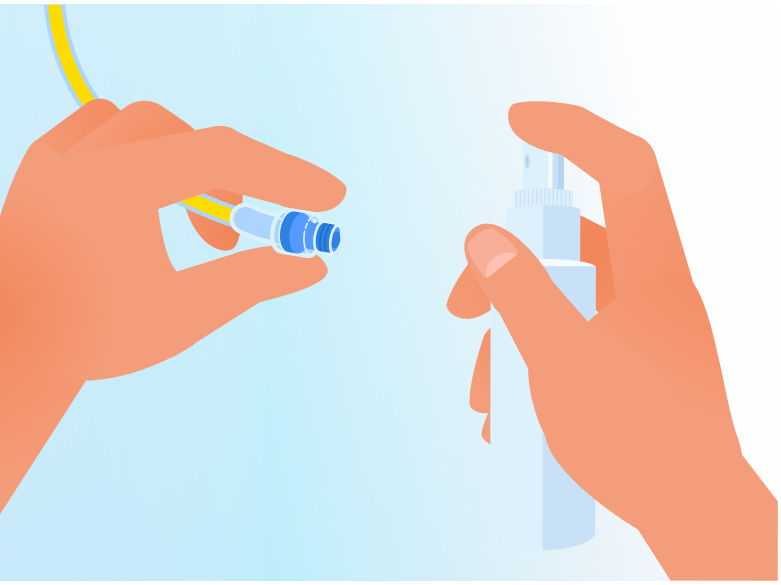
8. Connection of patient line to the patient



RESOURCE-SAVING

Unmatched usability – applicable for 12 and 24 hours

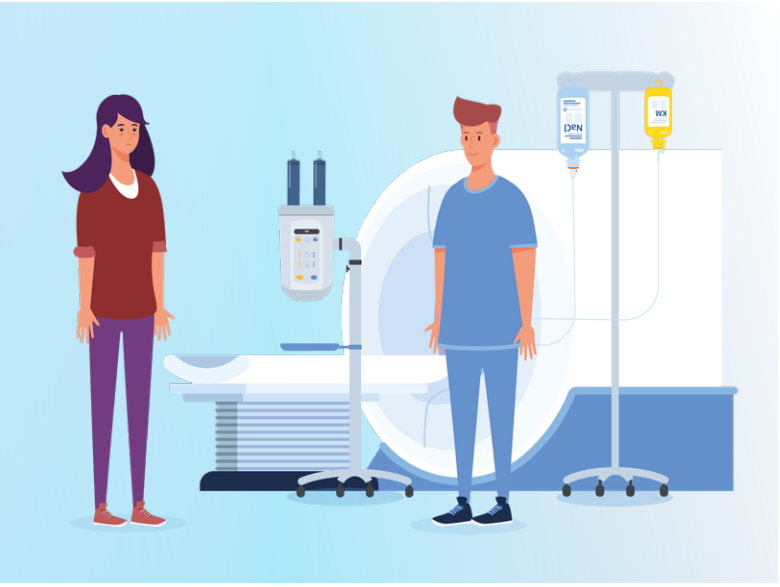
Our 12- and 24-hour certified systems allow a standardized routine in radiology. Independent of manufacturer, all Transaflow® Multi-APS Systems can be used with syringe injectors both in the CT and the MRI.



CLOSED SYSTEM

Easy to clean – non-drip, non-clog

The Transaflow® Multi-APS Safety Filling System together with the appropriate patient line (PWL/PWLS) offers all the benefits of a closed system – it is sealed, and does not drip or clog. Transaflow® Multi-APS Safety Filling Systems are inspected and tested by the German Society for Hospital Hygiene (DGKH).



HYGIENIC AND SAFE

Safe for patients and users

Our unique filling systems are equipped with four high-quality check valves with a self-closing Luer-lock adapter with a disinfectable, homogeneous surface.

Customer interview about the Transaflow® Multi-Patient Systems

Our 12-hour Multi-APS System is being used by approx. 200 satisfied users in German clinics and practices. We spoke with Frank Rudolph about the benefits of Transaflow® Multi-Patient Systems.

Why did you decide on our system and its ease of handling?

FR: "The drip protection in the description drew my attention in particular. The decisive factor for us was also that the system fits all our various injector types."

Why is multi-use up to 12 hours important to you?

FR: "Because we perform a variety of dynamic measurements in our practices and clinics, which usually makes the injector systems necessary throughout the day."

Our 12-hour system consists of 12-hour syringes and a 12-hour CM application system. So, both are certified and multi-use. Which benefits does that offer you?

FR: "It makes us independent of the consumables of the injector manufacturers and at the same time meets the hygiene requirements."

Why do you prefer manufacturer-independent systems for contrast media application?

FR: "They are usually less expensive. Since we are using injectors of various manufacturers, it also simplifies logistics since we need only one application system."

What do you like best about our system?

FR: "That the application system fits with all our various injector types and runs problem-free. Ease of handling."

Our system is closed, and does not drip or clog. It has a self-closing adapter. What exactly does that mean for you? What do you like about it? And what about safety and hygiene?

FR: "This helps during clean operations since the non-drip feature works very well. However, one should remember to connect a patient tube during the flushing of air, since the non-drip feature would be destroyed. Everyone knows the sticky floors under the injectors. This is all in the past at the places where Multi-APS Systems are used."

The 12-hour Multi-APS Systems are being manufactured 100% under clean room production conditions in Germany. Has that affected your decision?

FR: "This didn't influence me, but I think it is great. More important is that we can vary the system with tubing lengths according to our wishes. Keyword: distance between syringes. That was an exciting time."

This is how the Transaflow ® Multi-APS works:

Our Transaflow® Multi- APS Systems offer you added-value that hardly anyone else can offer. In our explanatory video all of the benefits are explained so they are easy to understand and to the point.



"Everyone knows the sticky floors under the injectors. This is all in the past at the places where Transaflow Multi-APS Systems are used."

Frank Rudolph, Radiographer

Our promise of quality to you

User-safety is the top priority for us. As manufacturer and distributor of medical devices, we have been inspected and are certified according to DIN EN ISO 9001 and DIN EN ISO 13485. All of our Medical Devices are CE-marked according to the Medical Device Regulation (MDR). Additionaly the Multi-PAS filling systems are certified by the German Society for Hospital Hygiene (DGKH). By placing the systems on the market as medical devices, we guarantee that our products fulfill the essential safety requirements and the prescribed compliance procedures were performed. Thus, our products also fulfill the requirements of the Medical Device Law Implementation Act and the Medical Devices User Notification and Information Ordinance.

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Products for a healthier world

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