



# DAY SAFE SYSTEM

WE MAKE SURE YOU  
ARE IN CONTROL

**24h Multi-Patient Use**  
Disposables and  
SUr Patient Line

MED (TRON<sup>®</sup>) AG

# DAY SAFE SYSTEM

## 24h Multi-Patient Use Disposables & SURE Patient Line

Day Safe System is the new disposable from MEDTRON AG for multi-patient use up to 24 hours. The Day Safe Syringes together with the Day Safe Filling Tube D form a closed filling and injection unit that only needs to be changed once per day. Completed by the SURE Patient Line, which is changed per patient and equipped with two check valves, the Day Safe System guarantees you safety and control up to 24 hours a day.

Used in conjunction with the Accutron® CT-D, Accutron® MR and Accutron® MR3 double head contrast media injectors, the Day Safe System can be used in CT and MRI to significantly improve patient safety and your ease of use.

### DAY SAFE SYSTEM

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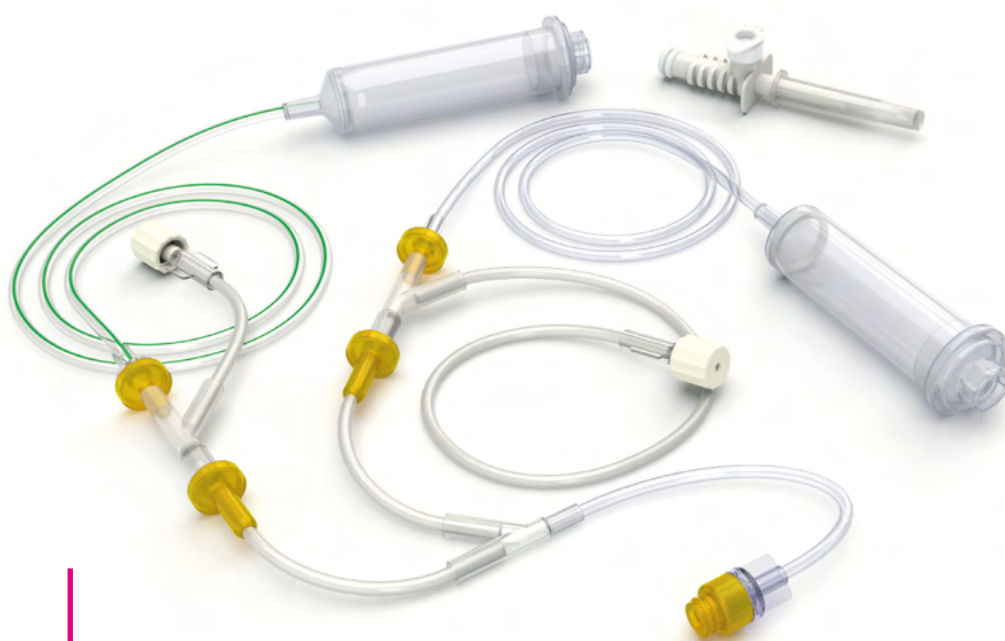


SUre Patient Line  
Art. 318415-100



Day Safe Syringe 65 ml  
Art. 312465-100

Day Safe Syringe 200 ml  
Art. 312426-100



Day Safe Filling Tube D  
Art. 312400-100



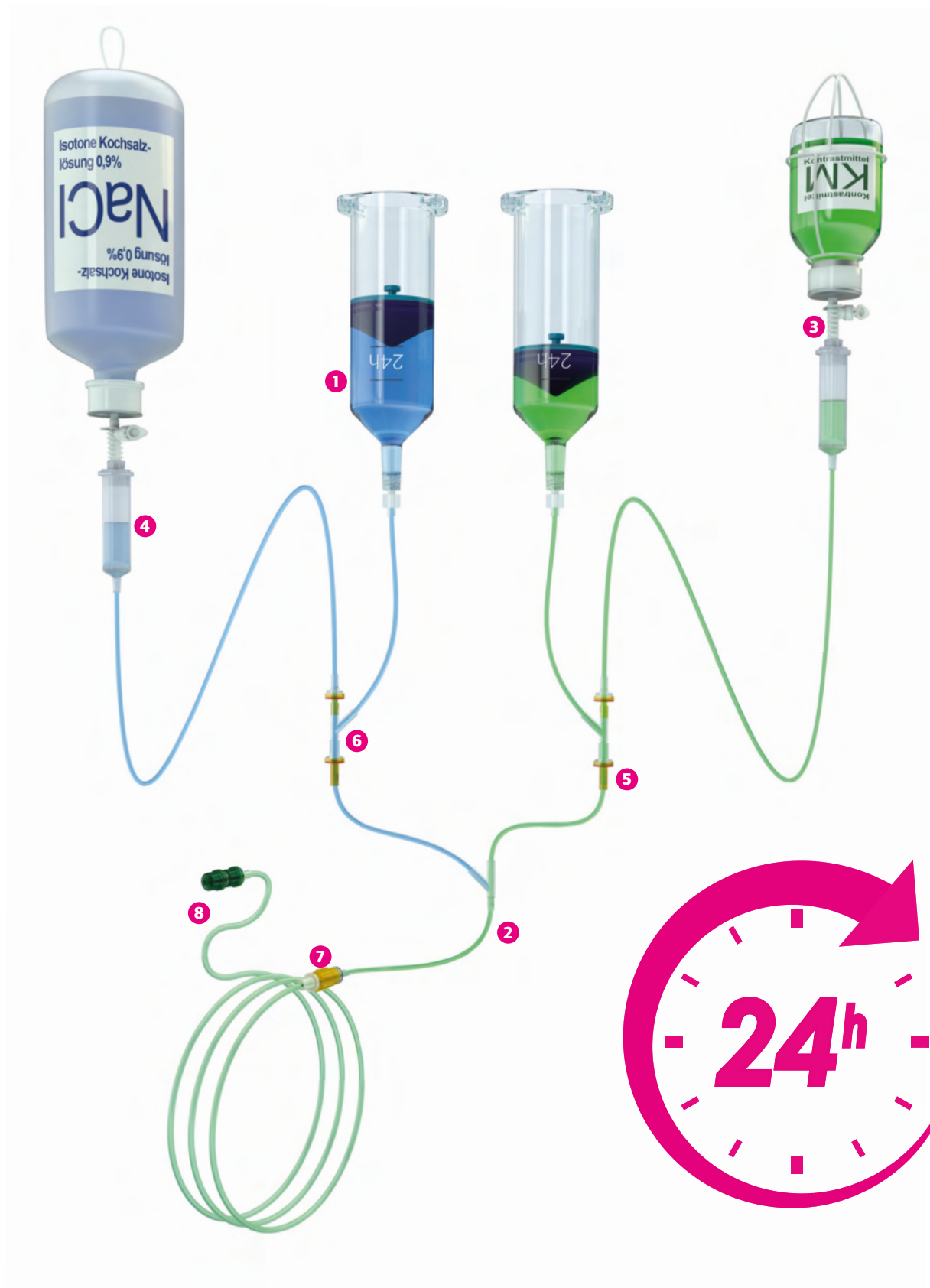
Mini Spike  
Art. 319099-100



Spike  
Art. 314095-100



# MULTIPLE USE UP TO 24 H



- 1 Day Safe Syringe (200 ml or 65 ml)**  
are certified to prevent air-carried contamination for the duration of 24 hours
- 2 Day Safe Filling Tube D**  
protects syringes and vials from retrograde contamination and allows multiple refills and injections during 24 hours
- 3 Exchangeable Spikes**  
for every vial reduce contamination risks
- 4 Drip Chambers**  
smartly designed to facilitate spike exchange and equipped with filters to prevent crystalized contrast medium and other particles from passing into syringes or tube system
- 5 Safe Valves**  
on tube system and patient line provide optimal protection from retrograde flow
- 6 Precisely Engineered Y Connectors**  
reduce swirling and air bubbles
- 7 Drop-Stop Swabbable Connector**  
prevents fluid dripping at disconnection, avoids contact of sterile liquid with open air and can be disinfected with a sterile alcohol swab
- 8 SURE Patient Line**  
with two check valves to protect patients from cross-contamination and rotating luer lock for comfortable handling



# A CLOSED AND TRANSPARENT SYSTEM

ensures safe hygiene and visual control during contrast injection



## CLOSED

The Day Safe System consists of two Day Safe Syringes and one Day Safe Filling Tube D with exchangeable spikes for use in combination with a SURE Patient Line. The syringes and filling tube constitute a closed filling and injecting system to **change only one time per day**, allowing multiple fillings and injections of contrast media and saline solution over the duration of 24 hours.

The filling tube features **inline drip-chambers with filters** which prevent crystallized contrast medium and other particles from passing into the syringe and tube system.

Composed of 200 ml or 65 ml Day Safe Syringes connected to our Day Safe Filling Tube D, this "injector set-up" offers the **safety and operability** you need to maintain **process control** throughout the day and to protect your patients from air-carried and hand-carried contamination risks.

# TRANSPARENT

The Day Safe System is a fully transparent system which offers you a **clear view on all the components**.

You can check the integrity of each component at any step of use. Direct view on the primary containers helps you to **easily manage exchanges and refills**. It allows to optimize container consumption and to reduce waste of contrast media.

MEDTRON´S Day Safe System thus enables you to **keep control** of the prepping, venting and injecting process at any time.



The closed Day Safe System is complemented by the single-use replaceable SURE Patient Line which is to be replaced after each patient. The patient line is equipped with two check valves **protecting from retrograde flow** and cross-contamination between patients.

It is connected to the Day Safe Filling Tube D, which features a **drop-stop swabbable connector** at its tip. The connectors are alcohol-resistant. This improves the **hygienic handling** and allows disinfection of the connectors, which are especially exposed to contact contamination. Furthermore, the drop-stop swabbable valve **prevents fluid dripping** at disconnection and avoids direct contact of the sterile liquid with open air.

The system is operated in combination with the **exchangeable spikes** which are to be replaced for each vial of contrast medium or saline solution.

Thus the Day Safe System provides **uncompromised control on the safety** of the multiple vial – multiple patient administration of contrast medium and saline solution required by enhanced imaging in CT and MRI.

It can be used up to 24 hours on MEDTRON´S Accutron® CT-D, Accutron® MR and Accutron® MR3 injectors.

## PROFICIENT MANAGEMENT OF STERILITY





# DAY SAFE SYSTEM

in Computed Tomography  
with Accutron® CT-D



For safe and comfortable use of the Day Safe System with Accutron® CT-D in computed tomography, we recommend the following composition:

**For the daily setup of the Accutron® CT-D injector:**

CT Set Day Safe 200+200 317642-100

consisting of

2 x ELS 200

1 x Day Safe Filling Tube

2 x Spike

**Replaceable components for each patient:**

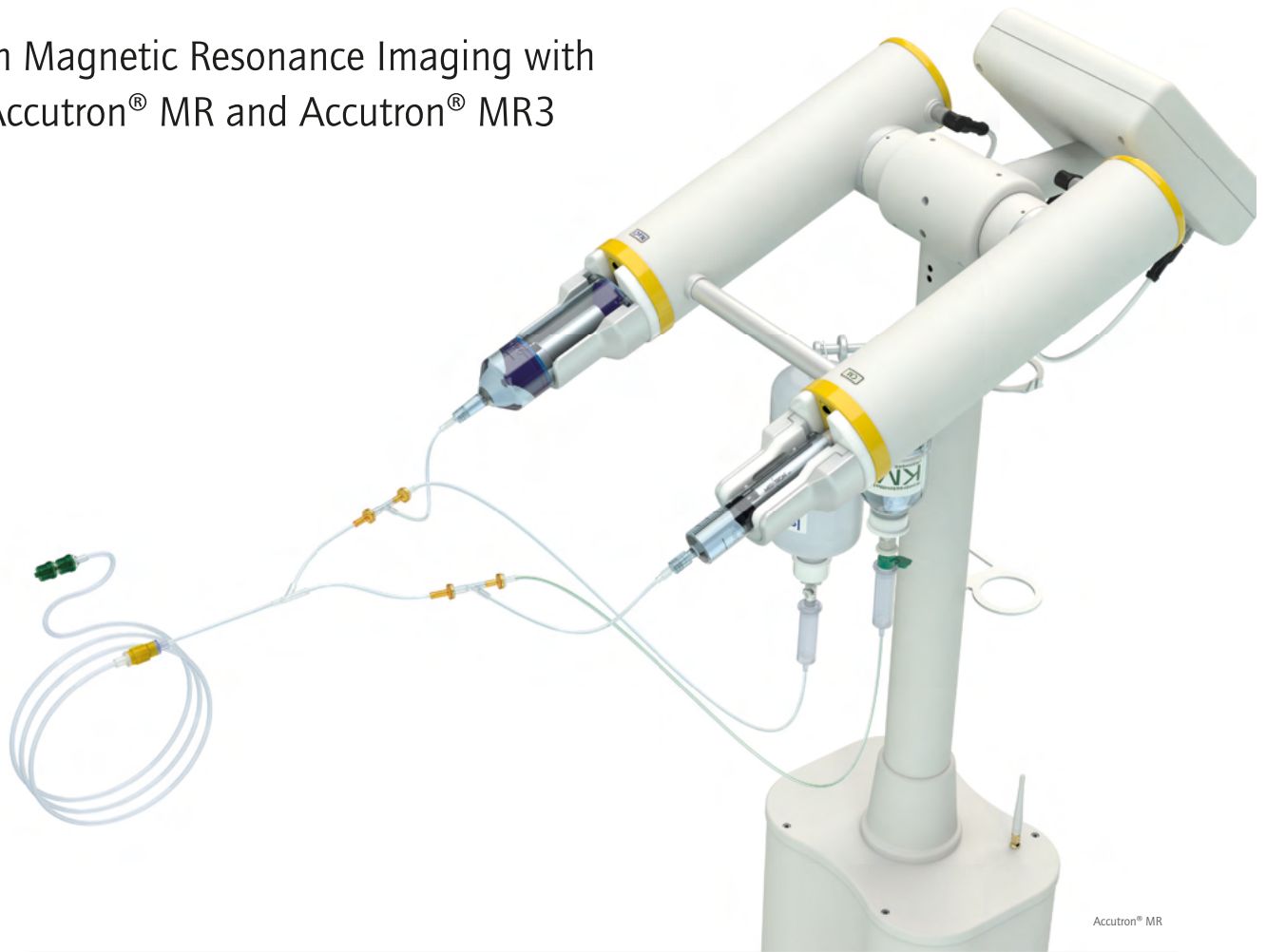
1 x SURE Patient Line 150 cm 318415-100

**Additional components for each vial/bag:**

2 x Vented spike MU 314095-100

# DAY SAFE SYSTEM

in Magnetic Resonance Imaging with  
Accutron® MR and Accutron® MR3



Accutron® MR

To use the Day Safe System together with the Accutron® MR and Accutron® MR3 safely and comfortably, we recommend the following combinations in magnetic resonance imaging:

**Replaceable components for each patient:**

1 x SURE Patient Line 150 cm 318415-100

**Additional components for each vial/bag:**

1 x Minispike MU (for CM) 319099-100

1 x Vented spike MU (for NaCl) 314095-100

**When using two syringes  
with 65 ml volume:**

**For the daily setup of the Accutron® MR:**

MR Set Day Safe 65+65 317646-100  
consisting of:

2 x ELS 65

1 x Day Safe Filling Tube

1 x Spike

1 x Minispike

**When using a 65 ml syringe for contrast medium  
and a 200 ml syringe for NaCl:**

**For the daily setup of the Accutron® MR  
or Accutron® MR3 injector:**

MR Set Day Safe 200+65 317644-100  
consisting of:

1 x ELS 200 and 1 x ELS 65

1 x Day Safe Filling Tube

1 x Spike

1 x Minispike

# THE BENEFITS

with the Day Safe System at a glance

## Clinical Gains



- **You keep control on the quality and safety of the contrast media injection.** The Day Safe System with its inline drip chambers and the heated syringe holders of the Accutron® injectors assist you with that.

## Operating Gains



- **You keep control on the sterility of the multiple use tube system.** The closed system with alcohol-resistant connectors at the drop-stop swabbable valve, the patient line with two check valves and rotating luer locks help you with that.
- **You keep control on your workflow.** The 24 hour multi-patient use reduces the time needed to prepare the contrast injections and helps you focusing on patients and imaging sequences.
- **You keep visual control on the operating devices and syringe drives.** The transparency of all the components of the Day Safe System allows you to check on each component and exercise full control over the handling process. Exchanging and refilling the primary containers is easy and it helps to optimize container consumption and reduce waste.

## Financial Gains



- The extended duration of use up to 24 hours **reduces costs for disposables per day**. It thus provides a positive impact on your operating budget.
- Optimized container and disposable consumption **helps to reduce the quantity of waste**, providing a positive impact on your hospital's disposals.

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## **DAY SAFE SYSTEM**

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