

## Instructions for use

for the syringes REF 316013-000, 316020-000, 316025, 316025-000, 316026, 316026-000, 316026-100, and 316026-901

### Introduction

Read attentively these instructions for use to ensure a proper application of the products and a safe operation of the injector, and to avoid damages to patients, users, third parties, and properties by improper use.

### Intended use

The syringe serves as a dosing chamber for contrast medium (CM) or saline solution (NaCl) in angiography, computed tomography, magnetic resonance imaging, and X-ray mammography. By means of a contrast medium injector the fluids are transferred from a supply container to the syringe, then the syringe is emptied and the fluids are thus administered to the patient.

The product may only be applied by trained and instructed medical staff.

The syringe may only be used in combination with contrast medium injectors of MEDTRON AG which can build up a maximum pressure of up to 83 bar/1200 psi during application.

The syringe is a single use device and intended for single use on a single patient.

Any use above and beyond this scope is deemed to be inappropriate. Never use the product for other purposes! MEDTRON AG ensures the suitability of the syringe for the intended use. Further manufacturer-specific requirements may apply.

### Symbols used on the packaging



Do not reuse



Use by



Batch code



Sterilisation using ethylene oxide



Order



Do not use if package is damaged



Store protected from direct sunlight



Store in a dry place



Consult instructions for use



Do not resterilise

- su numatyta pakuotės atidarymo vieta;  
- ant pakuotės pažymėtas produkto galiojimo laikas;

### Symbols used in these instructions for use



#### CAUTION!

This symbol indicates risks which could involve fatal or serious personal injuries or severe damage to property.



#### ATTENTION!

This symbol highlights risks which could involve material damage.



#### Note!

This symbol indicates tips and particularities regarding the handling of the products.

vienkartinis (simbolis ant pakuotės);  
- sterilus (pažymėta simboliu);  
- suderintas darbui su KT mobiliu injektoriumi Accutron CT-D ;

### Safety instructions



#### CAUTION!

Risk of fatal or serious injuries due to air embolisms!

- Vent the syringe and the connected tubes every time after filling the injector with contrast medium.
- Do not connect the patient to the system until you have completely vented the syringe and the connected tubes.
- Make sure before every injection that there are no air inclusions in the syringe and the connected tubes.



#### CAUTION!

Risk of infection!

- Make sure that the packagings of the products do not show any signs of damage.
- Do not remove the protective caps of the tube ends and syringes until you make the connections.
- Make sure that the use-by date of the consumables has not been passed.
- Observe the general hygiene principles and the special hygiene requirements of your organisation to avoid also product contamination from outside.
- Dispose of the syringe after single use on a single patient.



#### CAUTION!

Risk of material damage or injuries by using a reprocessed syringe.

Reprocessing the syringe may change the chemical, biological, microbiological or physical properties of the product. This leads to a loss of function of the syringe. Do not reprocess nor reuse the syringe.

## Inserting the syringe

- Make sure that the respective piston of the injector is moved back completely.
- Remove the new syringe from the packaging.



### Note!

For manufacturing reasons, the lower part of the syringe shows injection points. These injection points, however, do not have any effect on the function of the syringe.

In order to insert the syringes (BLS) with REF 316013-000 and 316020-000, proceed as follows:

- Depending on the injector type, insert the syringe into the pressure jacket or insert the syringe into the recipient as described in the instructions for use of the injector.

In order to insert the syringes (ELS) with REF 316025, 316025-000, 316026, 316026-000, 316026-100, and 316026-901, proceed as follows:

- If applicable (depending on the injector type), insert the syringe into the pressure jacket as described in the instructions for use of the injector.
- Insert the syringe or syringe with pressure jacket into the recipient as described in the instructions for use of the injector.

## Filling the syringe

- Remove the protective cap from the syringe.



### ATTENTION!

Risk of damage to the syringe and tube system!

When screwing on the tube system with too much force you may damage the Luer Lock thread and therefore make the syringe and tube system unusable. Therefore do not overtighten the Luer Lock thread.

- Connect the desired filling device to the syringe and supply containers as described in the relevant instructions for use.
- Move the piston of the syringe forward, fill the syringe with contrast medium, vent the tube system as described in the instructions for use of the injector.

## Post-examination work

- Remove the syringe or pressure jacket with syringe and tubes as described in the instructions for use of the injector.
- Properly dispose of all consumables in accordance with the regulations on waste disposal and hygiene applying to the operator.