



TROJECTOR-3 flush

PRE-FILLED SYRINGES

TROJECTOR-3 flush

- ▶ 3-part syringe
- ▶ pre-filled with 0.9% sodium chloride solution
- ▶ luer lock connector
- ▶ all sizes with consistent 10 l syringe diameter
- ▶ available as single sterile and double sterile version
- ▶ gamma sterilized



This product is marketed and distributed by TROGE MEDICAL GmbH and CE-certified by a German authorized Notified Body.

Pre-Filled Syringes (PFS) offer safety benefits over manually prepared flush syringes by reducing risks of occlusions, extravasation, and phlebitis, as well as complications including catheter-related bloodstream infections.^{1,2}

IV line flushes with pre-filled syringes are administered before and after starting IV medication in patients as per standard protocols to ensure that IV lines are clear and free from obstruction. They help maintain catheter patency by physically occupying space within the catheter and exerting pressure on the patient's circulating blood, so that blood is prevented from backfilling into the catheter and clotting.

References:

1. Bertoglio, S., et al. "Pre-filled normal saline syringes to reduce totally implantable venous access device-associated bloodstream infection: a single institution pilot study." *Journal of Hospital Infection* 84.1 (2013): 85-88.
2. Hamze, Benjamin, et al. "A comparison of taste and odor perception in pediatric patients receiving a 0.9% sodium chloride flush from 2 different brands of prefilled 0.9% sodium chloride syringes." *Journal of Infusion Nursing* 39.1 (2016): 18-24.

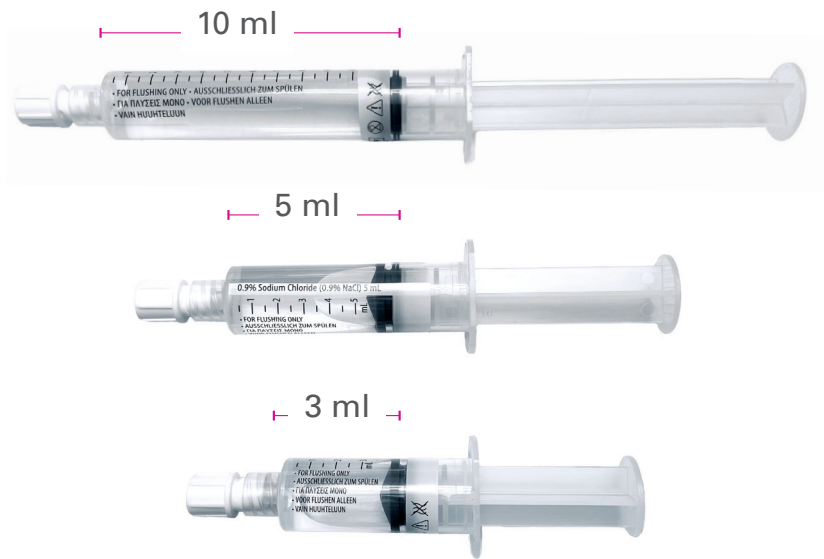
Pre-filled syringes address most of your line flushing needs

- ▶ **All in one pre-assembled saline syringe:**
Available in 3 convenient sizes of 3 ml, 5 ml and 10 ml, with pre-printed labels improves clinician efficiency and work-flow by eliminating the steps and time involved in the manual preparation of saline syringes.
- ▶ **SAFETY – Needle-less system and luer compatible:**
Eliminates the risk of accidental needle stick injuries, universally compatible with standard luer connectors.
- ▶ **Avoids catheter damage:**
Syringe diameter is inversely related to pressure generated at the distal end of the syringe. Smaller diameter syringes generate greater amounts of pressure than larger diameter syringes and can risk catheter damage
- ▶ **Single and Double sterile process to suit different needs:**
Available in double sterile type suitable for operating room procedures and only single path for bed side procedures.
- ▶ **Gamma Sterilized:**
Avoids leaching and VOC (volatile organic compounds) formation, resulting in the absence of any odour.
- ▶ **Each pre-filled syringe**
contains physiological normal saline solution, 0.9% sodium chloride, which is isotonic with body fluids.
- ▶ **DEHP-Free, PVC-Free, Latex-Free,**
all in one system with fewer connections and less packaging waste.



TROJECTOR-3 flush

PRE-FILLED SYRINGES



Product		Ref. No.	
TROJECTOR-3 flush mono	Pre-filled Syringe with 0.9% Sodium Chloride – 3 ml	41065	
TROJECTOR-3 flush mono	Pre-filled Syringe with 0.9% Sodium Chloride – 5 ml	41066	Single Sterile*
TROJECTOR-3 flush mono	Pre-filled Syringe with 0.9% Sodium Chloride – 10 ml	41067	
TROJECTOR-3 flush duo	Pre-filled Syringe with 0.9% Sodium Chloride – 3 ml	41068	
TROJECTOR-3 flush duo	Pre-filled Syringe with 0.9% Sodium Chloride – 5 ml	41069	Double Sterile**
TROJECTOR-3 flush duo	Pre-filled Syringe with 0.9% Sodium Chloride – 10 ml	41070	

* Single Sterile – Sterile fluid path

** Double Sterile – Sterile fluid path and Sterile syringe

CARING FOR GLOBAL HEALTH