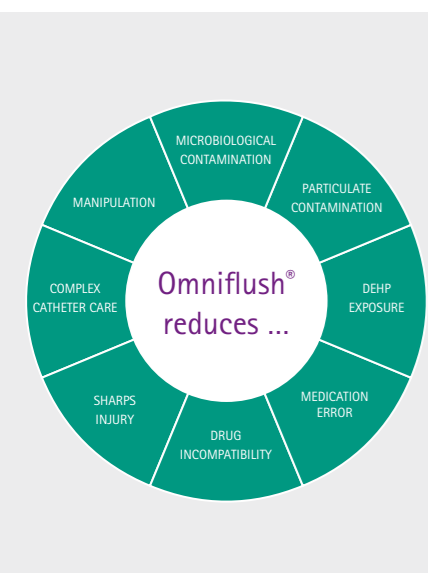


# Prefilled flush syringe with NaCl 0.9 %

Developed for your clinical needs



The 2016 update of the INS Infusion Therapy Standards of Practice includes the following practice criteria recommendation regarding Flushing and Locking:

- Do not use intravenous (IV) solution containers (e.g. bags or bottles) as a source for obtaining flush solutions.<sup>2</sup>
- Use single-dose systems (e.g. single-dose vials or pre-filled labeled syringes) for all Vascular Access Device flushing and locking.<sup>2</sup>
- Commercially available prefilled syringes may reduce the risk of catheter-related bloodstream infections and save staff time for syringe preparation.<sup>2</sup>

## USER BENEFITS

### Omniflush® reduces ...

#### ... Manipulation

Busy health care workers with large workloads are under pressure to meet patient needs. The task of drawing up the saline into syringes adds to their burden and opens the door for serious breaches of infection prevention.<sup>1</sup>

Omniflush® is a ready-to-use flush system, which improves processes due to less preparation steps and prevents contamination risks occurring while preparing the flush solution.

#### ... Sharps Injury

Glass ampoules, bottles and cannulas are not required any more.

Omniflush® circumvents the necessity of needles throughout the whole flushing process.

## PATIENT BENEFITS

### Omniflush® reduces ...

#### ... Microbiological Contamination

A study found that 2-17% of the flush syringes manually prepared by nurses in wards were contaminated with microorganisms.<sup>4</sup>

Omniflush® is a ready-to-use system with a tip cap completely covering the Luer tip of the syringe, lowering the risk of microbial contamination.

#### ... Particulate Contamination

The polypropylene material of Omniflush® stands for a safe flushing procedure without unmeant particle creation.

#### ... DEHP Exposure

The syringe material is not manufactured with PVC, DEHP or natural rubber latex, according to 7886-1 DIN EN ISO.

#### ... Complex Catheter Care

Flushing assesses catheter function, maintains vascular access and decreases the risk of catheter occlusion/thrombus formation.<sup>2</sup> Omniflush® simplifies catheter care and supports compliance with best practice IV maintenance procedures.

It was demonstrated that, when using a prefilled syringe, the time to prepare a flush was reduced significantly (by 22-39 seconds). This contributed to a significant difference in overall flushing time (by 35-64 seconds). In the clinical setting, the difference of a minute per flushing episode would translate to a time saving of as much as 10 minutes a patient a day for 5 flushes a day, depending on frequency.<sup>3</sup>

#### ... Medication Error

Automatic labelling may reduce the risk of medication error.<sup>3</sup>

With its clearly structured adhesive label containing a data-matrix-barcode, Omniflush® is immediately identifiable as a flush syringe.

#### ... Drug Incompatibility

Flushing IV access devices after each medication delivery prevents contact between incompatible fluids and medications and accumulation of medication.<sup>2</sup>

# Omniflush® and Omniflush® Sterile Field

Areas of application and order information



- | Omniflush®  | Omniflush® Sterile Field  |
|---|---|
| <ul style="list-style-type: none"> <li>Sterile solution and fluid path (QC002, SAL 10<sup>-6</sup>)</li> <li>For flushing of compatible intravenous tubing and/or indwelling access devices</li> <li>Packed inside a single unit tubular bag</li> </ul> | <ul style="list-style-type: none"> <li>Sterile solution, fluid path and external surface (QC002, SAL 10<sup>-6</sup>)</li> <li>For flushing of compatible intravenous tubing and/or indwelling access devices</li> <li>Packed inside a single unit sealed pouch</li> <li>For use in a sterile field area</li> </ul> |

Filling volume (ml)	Syringe volume (ml)	Units per box	Code No. (REF)
<b>Omniflush®</b>			
10	10	30	3240576
5	10		3240575
3	10		3240572
10	10	100	EM-3513576
5	10		EM-3513575
3	10		EM-3513572
<b>Omniflush® Sterile Field</b>			
10	10	35	EM-3570660

Omniflush® and Omniflush® Sterile Field are medical devices which are CE-certified according to the requirements of the European Council Directive 93/42/EEC. Omniflush® and Omniflush® Sterile Field are not manufactured with PVC, DEHP or natural rubber latex. Omniflush® and Omniflush® Sterile Field are produced in compliance with QSR-standards and meet highest quality standards.

#### Manufacturer

Excelsior Medical, LLC | 1933 Heck Ave. | Neptune | NJ 07753 USA | A Medline Company

#### Authorized representative in the European Community

EMERGO EUROPE | Molenstaat 15 | 2513 BH | The Hague | The Netherlands

#### Distributor

B. Braun Melsungen AG | Hospital Care | 34209 Melsungen | Germany  
Tel. +49 5661 71-0 | www.bbraun.com



Further information about safe infusion therapy can be found in our advanced care brochures or please visit:

[www.safeinfusiontherapy.com](http://www.safeinfusiontherapy.com)



READY-TO-USE



**B. Braun Omniflush®**  
Safe and convenient flushing  
Prefilled flush syringe with NaCl 0.9 %

REFERENCES | 1. Flushing vascular access catheters: Risks for infection transmission by Lynn Hadaway, RN, C, MEd, CRNI. Infection Control Resource 2007, Vol. 4 No. 2. 2. Infusion Therapy Standards of Practice, Journal of Infusion Nursing, Supplement to January/February 2016, Vol. 39, No. 1S. 3. S. Keogh et al., A Time and Motion Study of Peripheral Venous Catheter Flushing Practice Using Manually Prepared and Prefilled Flush Syringes. The Art and Science of Infusion Nursing, 2014 March/ April; 37(2): 96-101. Infusion Nurses Society 2014. 4. P. Austin, M. Elia, Improved aseptic technique can reduce variable contamination rates of ward-prepared parenteral doses. Journal of Hospital Infection, 2013

# Omniflush® and Omniflush® Sterile Field

Designed for safety and convenience



**TIP CAP WHICH COMPLETELY COVERS THE LUER TIP OF THE SYRINGE** reducing the risk of touch contamination of the Luer connection when removing the cap.

**ANTI-REFLUX TECHNOLOGY:** The B. Braun Omniflush® syringe is designed specifically to reduce syringe generated reflux.

**EASY IDENTIFICATION AS A FLUSH SYRINGE.**

**CLEAR DIFFERENTIATION OF THE THREE FILLING VOLUMES:** 3 ml, 5 ml and 10 ml.

**LOW SYRINGE PRESSURE GENERATION.** The inside diameter of the syringe barrel for each filling volume (3 ml, 5 ml and 10 ml) is identical to the 10 ml B. Braun standard syringe leading to a low flushing pressure.

**DATA-MATRIX-BARCODE** on single unit level to speed inventory control, patient data recording and reduce errors: The GTIN contains the article number and product name.

**HIGH CLARITY OF THE SYRINGE BARREL** improves visual inspection of the solution.

**LOW PLUNGER GLIDING FORCE** makes it possible to determine if a catheter occlusion is forming: The more force required to depress the plunger, the greater the likelihood that an occlusion formation has begun. Only with syringes where the plunger can usually be depressed with a low amount of force, this increase in force can be felt.

NOT FOR USE IN A STERILE FIELD AREA.

FOR USE IN A STERILE FIELD AREA.

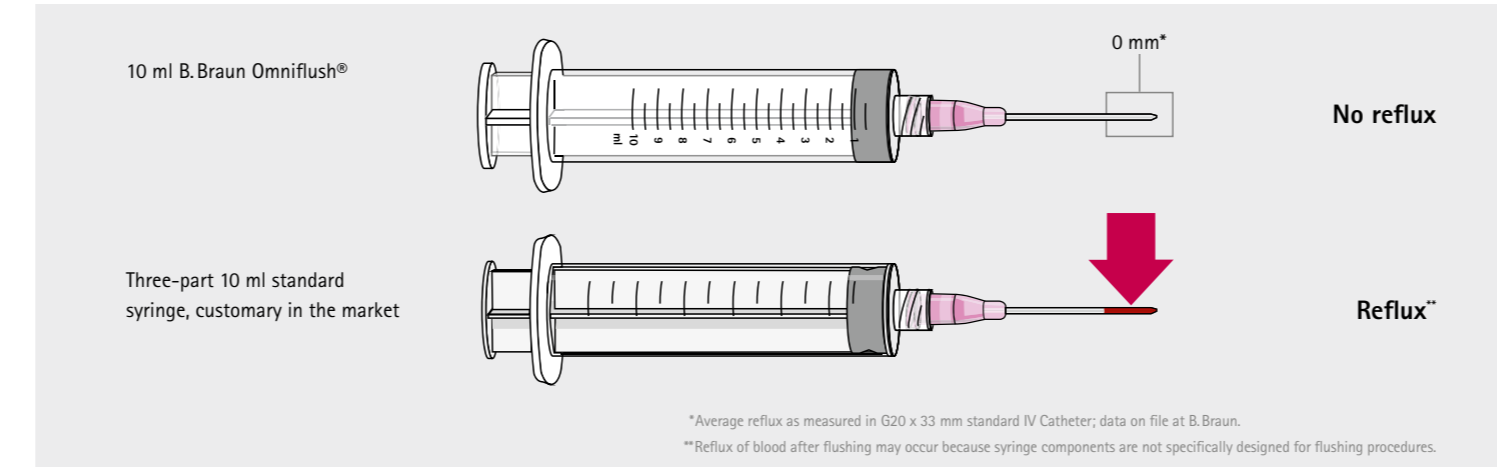
**Omniflush® – sterile fluid path for routine flush procedures.**

**Omniflush® Sterile Field – sterile fluid path and sterile external surface.**

If you work in a sterile field, wear sterile gloves when flushing or treat immunosuppressed patients Omniflush® Sterile Field is the product of your choice.

# Omniflush® ...

## ... REDUCES BLOOD REFLUX

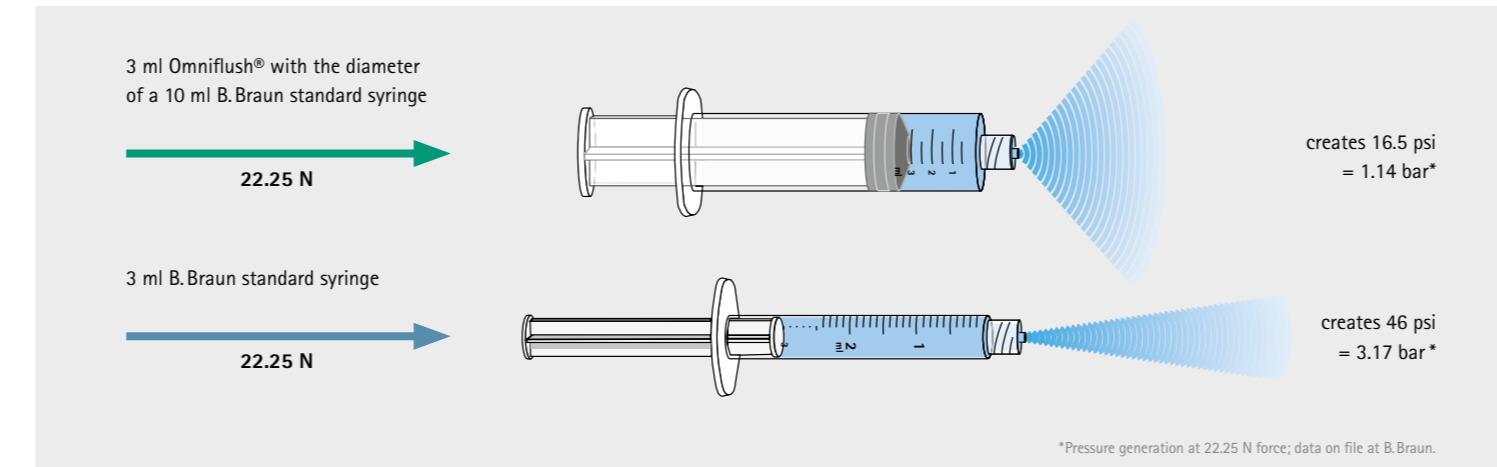


Blood reflux is generated when all fluid is flushed from a three-part standard syringe and the syringe plunger is fully depressed in the bottom of the syringe barrel, then released. When the syringe plunger tip rebounds, a vacuum is created, thus pulling blood back into the catheter lumen. Catheter lumen occlusion, with blood reflux into the lumen, is the major clinical concern.<sup>1</sup>

**The Omniflush® syringe is designed specifically to reduce unintended blood reflux into the catheter lumen thus decreases the risk of catheter blockage.**



## ... DECREASES THE RISK OF CATHETER DAMAGE



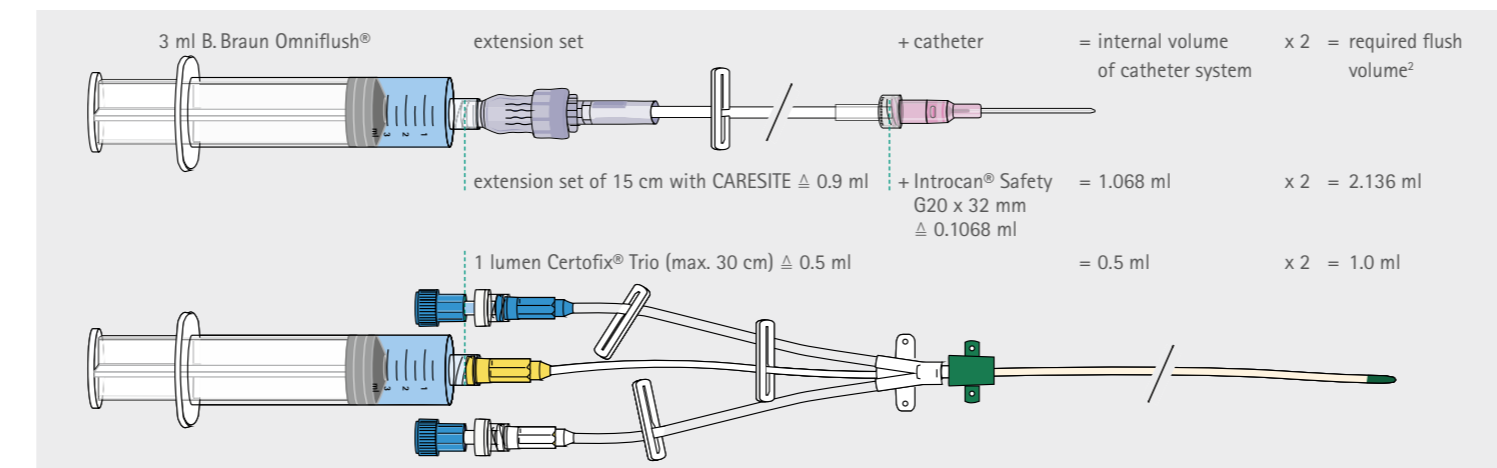
The syringe size has an impact on the risk of catheter damage. Smaller diameter syringes generate greater pressure exerted against the catheter wall on injection than larger diameter syringes.<sup>1</sup>

Omniflush® is available in the filling volumes 3 ml, 5 ml and 10 ml. The inside diameter of the syringe barrel for each filling volume is identical to the 10 ml B. Braun standard syringe.

**Omniflush®'s larger inside diameter of the syringe barrel results in lower flushing pressure compared to 3 ml or 5 ml standard syringes and decreases the risk of catheter rupture.**



## ... GIVES THE FLEXIBILITY TO REDUCE THE FLUSHING VOLUME TO A PATIENTS' INDIVIDUAL MINIMUM



The Infusion Therapy Standards of Practice recommend a minimum flush volume equal to twice the internal volume of the catheter system, which includes the catheter, extension set, and/or needless injection system added to the catheter hub.<sup>2</sup>

With Omniflush® the fluid amount used for flushing can be reduced to the required minimum.

Examples for required flush volumes		Flush volume		
Catheter/cannula/other IV access devices	Extension set (length)	3 ml	5 ml	10 ml
Introcath® Safety	Extension set with CARESITE (15 cm)	•		
Vasofix® Safety	Extension set with CARESITE (15 cm)	•		
Certofix® Trio			•	
Port catheter			•	•
Arterial cannula		•	•	
Intraosseous cannula		•	•	