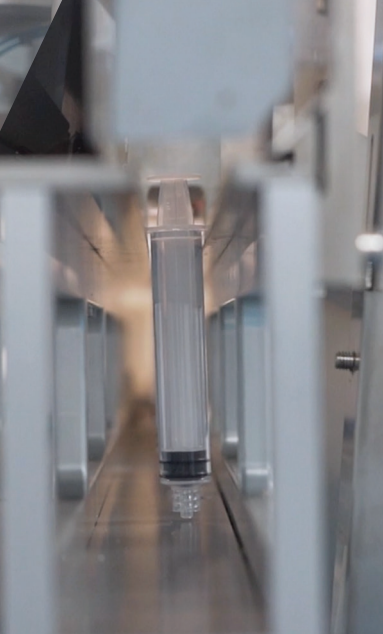




PentaFlush

PRE-FILLED SALINE SYRINGES



Combining Safety and Efficiency for Optimal Patient Outcomes.

Saline 0,9% NaCl Pre-Filled syringes for the
flushing of vascular access devices.



Pentaferte
MEDICAL DEVICES SOLUTIONS

PentaFlush® is a product made by PentaFerte.



PentaFlush® is also available in 20 ML size.

A flush volume of 20 ml is recommended for CVC and PICC blood sampling.*

After infusion of viscous products such as contrast media, blood components, parenteral nutrition.**

*References 1-7 at page 13

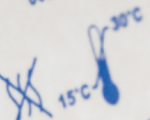
**References 8-9 at page 13



PentaFlush
0,9% NaCl

 PENTAFERTE ITALIA s.r.l.
Viale Piane Nocella, 23
64012 CAMPLI (TE) - ITALY
www.pentaferte.com

CE
0051



STERILE R

MD

610600203 - Rev.01

- 3 -

PentaFlush 0.9% Sodium Chloride (0.9% NaCl)

MADE IN ITALY

CE
0051

Flushing a vascular access reduces the risk of*:



PHLEBITIS



OCCLUSIONS



INFILTRATIONS



INTRALUMINAL INFECTIONS



EXTRAVASATIONS

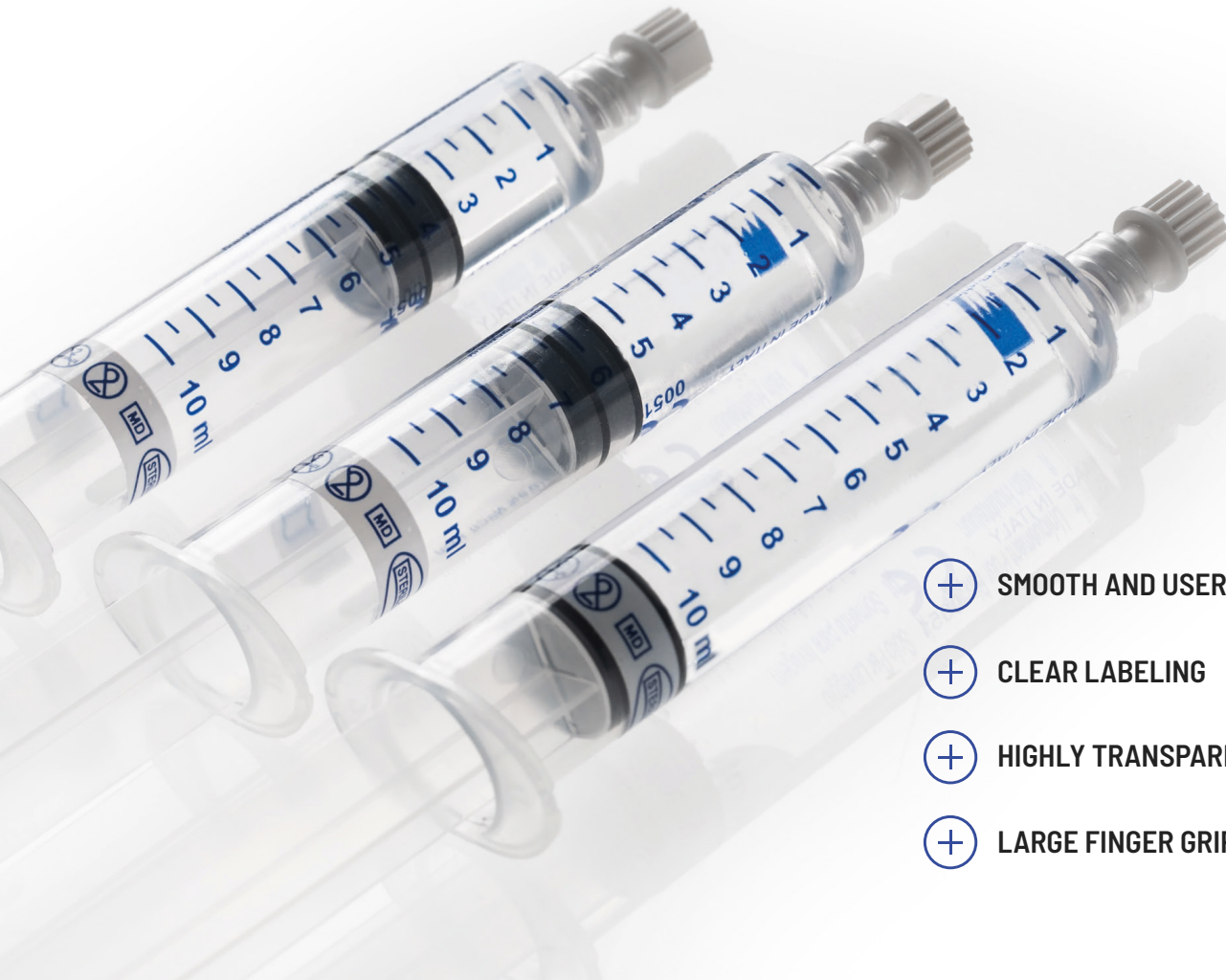


DRUGS INTERACTION

*Infusion Nurses Society Infusion Therapy Standard of Practice. Journal of Infusion Nursing. 2021 44 (1S) S113.



8 PentaFlush® - Pre-Filled Saline Syringes



- ⊕ SMOOTH AND USER-FRIENDLY PISTON
- ⊕ CLEAR LABELING
- ⊕ HIGHLY TRANSPARENT BARREL
- ⊕ LARGE FINGER GRIP

Advantages of a ready-to-use device VS a manually filled conventional syringe*:



TIME AND COST-SAVING



ORGANIZATIONAL OPTIMIZATION FOR CAREGIVERS



CRBSIs RISK REDUCED



WASTE REDUCTION

Reduces waste of physiological solution through the use of multi-dose vials.



STREAMLINING OF WARD PROCEDURES



REDUCING THE RISK OF MEDICATION ERRORS



BACTERIAL CONTAMINATION REDUCTION

Reduces the risk of bacterial contamination which may occur through the use of conventional multi-dose NaCl containers.



ELIMINATION OF THE RISK OF ACCIDENTAL PUNCTURES

Eliminates the risk of needle puncture during preparation, using a conventional syringe.

*Infusion Nurses Society Infusion Therapy Standard of Practice. Journal of Infusion Nursing. 2021 44 (1S) S113.

Features:



SUITABLE FOR STERILE FIELD

Syringe and fluid path sterile



FOR GREATER PATIENT SAFETY THE SYRINGE CAN BE USED IN ROUTINE FLUSHING PROCEDURES IN THE WARD WHERE ASEPTIC TECHNIQUE IS NOT REQUIRED



AVAILABLE IN 4 SIZES

3-5-10-20 ml



PACKAGING OPTIONS

Medical grade paper - Plastic film



10ML SINGLE STANDARD CYLINDER FOR 3-5-10ML CAPACITY

To reduce internal pressure and prevent catheter damage*



FULLY AUTOMATED PRODUCTION PROCESS IN AN ISO 7 CLEAN ROOM ENVIRONMENT

*18.2 PSI = Pression interne de la seringue 10 ml soumise à une force axiale de 5 livres. Données disponibles dans des fichiers chez PentaFerte. Infusion Nurses Society Infusion Therapy Standard of Practice. Journal of Infusion Nursing. 2021 44 (1S) S113.

Additional info:

- ✓ **DESIGNED AND MANUFACTURED IN ITALY**
- ✓ **SINGLE-USE**
- ✓ **CLASS IIB MEDICAL DEVICE (MDR 2017/745)**
- ✓ **SHELF LIFE: 3 YEARS**
- ✓ **DURING THE SYRINGE MANUFACTURING PROCESS THE FOLLOWING SUBSTANCES ARE NOT USED OR INTENTIONALLY INCORPORATED INTO THEIR MATERIALS: DEHP, PVC, LATEX, PRESERVATIVES**





Ordering:

REF.	DESCRIPTION	BOX	CASE
060022424	3 ml pre-filled syringe 0,9% NaCl	30	180
060022524	5 ml pre-filled syringe 0,9% NaCl	30	180
060022624	10 ml pre-filled syringe 0,9% NaCl	30	180
060022724	20 ml pre-filled syringe 0,9% NaCl	20	80

References:

- 1 Infusion Nurses Society Infusion Therapy Standard of Practice. Journal of Infusion Nursing. 2021 44 (1S) S113.
- 2 Lynn Hadaway Flushing vascular access catheters: Risk for infection transmission. Infection Control Resource. Saxe Communications. 2007; 4(2). Available from: http://www.mghpcs.org/eed_portal/Documents/Central_Lines/CL_flushing_and_infection.pdf
- 3 Basic Infection Control and Prevention Plan for Outpatient Oncology Settings. National Center for Emerging and Zoonotic Infectious Diseases (U.S.), Division of Healthcare Quality Promotion. October, 2011. Available from: <https://www.cdc.gov/hai>
- 4 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 (2013). Available from: <http://dx.doi.org/10.1016/j.jhin.2013.02.008>
- 5 Lynn Hadaway Misuse of prefilled flush syringes: implications for medication errors and contamination. Infect Control Resource. 2008; 4(4):2-4. Available from: https://hadawayassociates.com/uploads/3/5/4/4/35447364/misuse_of_prefilled_copy.pdf
- 6 National Institute for Health and Care Excellence (NICE). Healthcare-associated infections: prevention and control in primary and community care Clinical guideline CG139 (1.4.4) March 2012. Available from: <https://www.nice.org.uk/guidance/cg139/chapter/1-Guidance#vascular-access-devices>
- 7 South Wales Intravenous Access Advisory Group. Guidelines for the Care and Maintenance of a Peripherally Inserted Central Catheter (Picc). Available from <https://www.nice.org.uk/guidance/mtg34/resources/guidelines-for-the-care-and-maintenance-of-a-peripherally-inserted-central-catheter--velindre-cancer-centre-pdf-4481503170>
- 8 Recommendations par consensus formalisé SF2H 2013 - Volume XXI - n°6 Bonnes Pratiques et gestion des risques associés au PICC. Decembre2013. Available from https://sf2h.net/wp-content/uploads/2014/05/SF2H_bonnes-pratiques-et-gestion-des-risques-associes-au-PICC-2013.pdf
- 9 GAVeCeLT. L'utilizzo dei PICC in nutrizione parenterale. Available from: https://gavecetl.it/nuovo/sites/default/files/uploads/utilizzo_dei_picc_in_nutrizione_parenterale.pdf

Pentaferte: a leading company in the production of infusion medical devices

Pentaferte Italia is a leading Italian company in the production of medical devices for infusion, it collaborates with the largest global companies in the medical and pharmaceutical sector.

The recent entry into the Numantec Group aims to create a European leader in medical devices with a complementary product portfolio, for hospital and home therapy through reference companies in its sector.



Visit our website:

www.pentaferte.com



www.numantec.eu





PENTAFERTE ITALIA, CAMPLI (TERAMO) ITALY



ADRIAMED, TOCCO DA CASAURIA (PESCARA) ITALY



DELTA MED, VIADANA (MANTOVA) ITALY



DBM, TOVO DI SANT'AGATA (SONDRIO) ITALY



For ordering information please contact
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+39 0532 77 88 16

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info.pentaferte@numantec.eu

WEBSITE
www.pentaferte.com

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