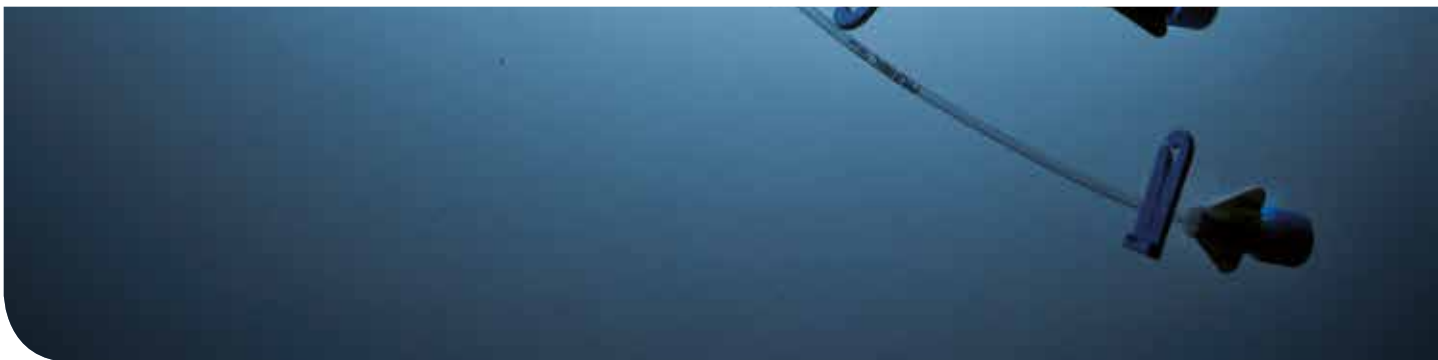


ARROW PRESSURE INJECTABLE CVC

Approved CVC with new function



APPROVED CVC WITH NEW FUNCTION

ARROW STANDARD AND ARROWG⁺ARD BLUE PLUS[®] PRESSURE INJECTABLE CVC

MAXIMUM FLOW RATES

Each lumen's maximum flow rate is clearly marked on the respective lines. The capabilities and parameters of the catheter are immediately visible.

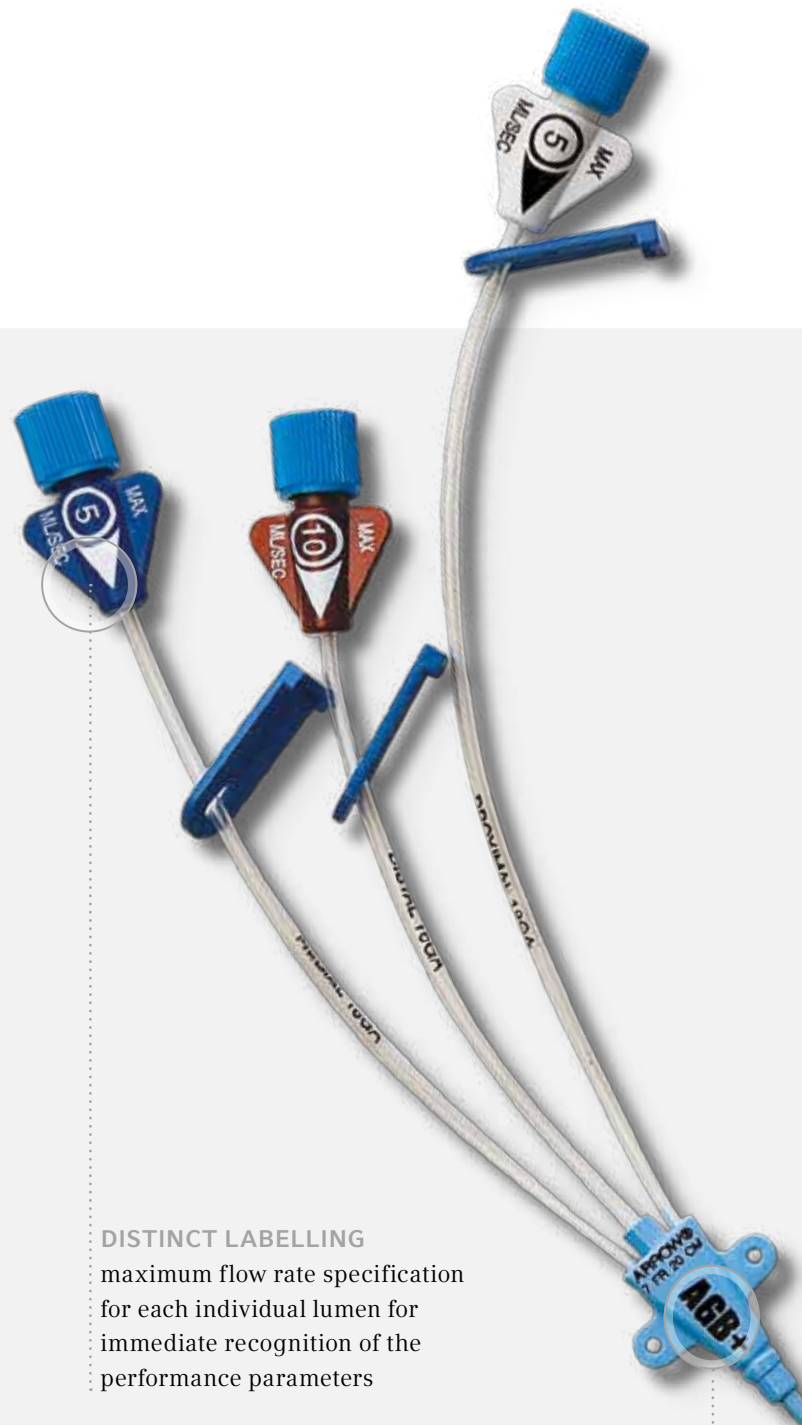
The robust hub allows pressure injections with flow rates of up to 10 ml/second. Flow rates of infusions or medications can be performed in a shorter period of time. The positive outcome: improved CT and CTA imaging.¹

ECHOGENIC NEEDLE

Use of echogenic introducer needles along with the use of ultrasound increases patient safety when placing the CVC. Erroneous punctures and the associated complications belong to the past. The needle tip can be localised precisely and reliably by means of an ultrasound visual.

Advantages of echogenic needles when used with ultrasound:

- localisation of non-visible or non-palpable veins
- avoidance of needle penetrations and the resulting complications
- reduction in intervention time
- more safety and efficiency



DISTINCT LABELLING

maximum flow rate specification for each individual lumen for immediate recognition of the performance parameters

ANTIMICROBIAL TECHNOLOGY ARROWG⁺ARD[®] BLUE PLUS

an antimicrobial external surface treatment using chlorhexidine/silver sulfadiazine is applied to the outside of the catheter body & juncture hub nose and a chlorhexidine impregnation on the internal lumen of the catheter body, juncture hub, extension lines and extension line hubs

ANTIMICROBIAL IMPREGNATION

CRBSIs are caused by many factors, from pathogens in the environment through to dangerous flaws in medical procedures. ARROWg^{ard} Blue Plus catheters can help you combat catheter-related blood stream infections and reduce their frequency. As the inside and outside of the catheter as well as extension lines and hubs are impregnated with an antimicrobial protection, optimal broad spectrum protection is attained. Teleflex is following the most current Category 1A recommendation of the Centers for Disease Control (CDC).²

Many ARROW CVCs are impregnated with ARROWg^{ard} Blue Plus – a patented combination of silver sulfadiazine and chlorhexidine that has been shown to reduce catheter-related bacteraemia by 79%.³

BLUE FLEXTIP[®]

ARROW's soft, contoured tip is designed to be easier to manoeuvre and minimise trauma



CONTRAST MEDIA INJECTION

In patients with a CVC, a CT scan can be necessary for continued treatment but must be postponed until a suitable access port for contrast medium administration has been placed, if it is not already present. With the ARROW Pressure Injectable CVC, you can save time. Instead of having to wait for additional venous access, the computed tomography can immediately be started.

THE SET

To enable you to improve treatment for your patients, Teleflex is exclusively offering you an ARROW Pressure Injectable CVC with further key advantages: infusions and medications can be administered at a flow rate of up to 10 ml/sec. The set contains an echogenic introducer needle and safety scalpel, among other insertion and accessory components.

CONSIDERABLE ADVANTAGES

- indicated for higher flow rates in comparison to the Pressure Injectable (PI) PICC
- improved CT and CTA imaging
- more safety and comfort for physician and patient
- efficient
- time saving
- cost effective



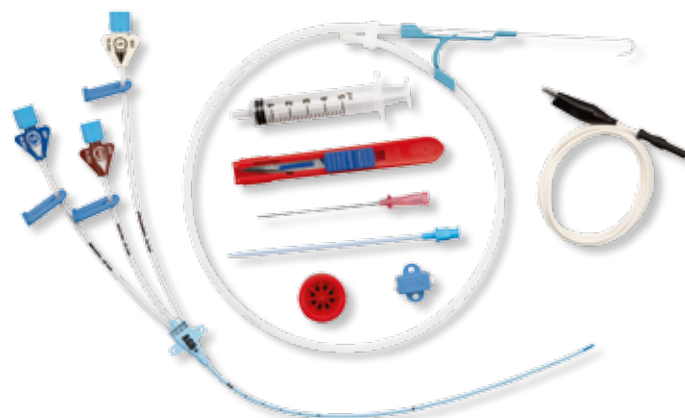
MORE EFFICIENT AND COMFORTABLE

ALWAYS A STEP AHEAD WITH THE PRESSURE INJECTABLE CVC

Our Pressure Injectable CVC is indicated for central venous system access, intravenous therapy, blood sampling, infusion and pressure injection of contrast media and can be operated with a maximum pressure of 400 psi through the indicated lumen for pressure injection.

SET COMPONENTS

- Pressure Injectable CVC
- guide wire with cm and ECG marking
- ECG cable
- echogenic introducer needle
- 5 ml standard Luer slip syringe
- safety scalpel
- dilator
- Sharps Away II disposal cup
- catheter clamp and fastener



CVC SETS FOR PRESSURE INJECTION

REF.	LUMEN	Ø FR.	LENGTH	INTERIOR LUMEN	DESIGN	MATERIAL	FILLING VOLUME	FLOW RATE*	MAX. PRESSURE INJECTION FLOW RATE**	QTY
EU-22702-CVCPS	2	7 Fr.	16 cm	18-14	D	PUR AGB	0.33/0.50	1300/5600	5/10	5
EU-47702-CVCPS	2	7 Fr.	20 cm	14-18	B	PUR AGB Plus	0.57/0.40	5700/1100	10/10	5
EU-42802-CVCPS	2	8 Fr.	16 cm	14-14	E	PUR AGB Plus	0.68/0.70	7650/6000	10/10	5
EU-45802-CVCPS	2	8 Fr.	20 cm	14-14	E	PUR AGB Plus	0.73/0.75	6450/4800	10/10	5
EU-42703-CVCPS	3	7 Fr.	16 cm	16-18-18	H	PUR AGB Plus	0.38/0.37/ 0.39	3000/1400/1600	10/5/5	5
EU-45703-CVCPS	3	7 Fr.	20 cm	16-18-18	H	PUR AGB Plus	0.42/0.38/ 0.40	2750/1100/1200	10/5/5	5
EU-15703-CVCPS	3	7 Fr.	20 cm	16-18-18	H	PUR	0.44/0.39/ 0.39	3200/1500/1600	10/5/5	5
EU-42854-CVCPS	4	8.5 Fr.	16 cm	16-14-18-18	J	PUR AGB Plus	0.38/0.45/ 0.35/0.38	3350/6000/ 1750/1950	5/10/ not rated/not rated	5
EU-45854-CVCPS	4	8.5 Fr.	20 cm	16-14-18-18	J	PUR AGB Plus	0.40/0.50/ 0.36/0.39	2700/5200/ 1300/1400	5/10/ not rated/not rated	5

* Flow rates are measured with physiological saline solution, at room temperature and 100 cm head pressure and reflect the approximate amount of flow.

** Pressure injectable flow rates are determined using contrast dyes with a viscosity of 11.8 cP (centipoise) via 60" delivery tubing.



1 Fleischmann, D. "Contrast Medium Injection Protocols for CT Angiography." Controversies and Consensus in Imaging and Intervention, 2006, Vol. 4, Issue 2, p. 24.

2 O'Grady N.P., Alexander M., Burns L.A., Dellinger E.P., Garland J., Heard S.O., Lipsett P.A., Masur H., Mermel L.A., Pearson M.L., Raad II, Randolph A.G., Rupp M.E., Saint S. and the Healthcare Infection Control Practices Advisory Committee (HICPAC). Guidelines for the Prevention of Intravascular Catheter-Related Infections, the Centers for Disease Control, August 2 2011; Vol. 53, issue 4, p. 15. <http://www.cdc.gov/hicpac/pdf/guidelines/bsi-guidelines-2011.pdf>

3 "Getting Started Kit: Preventing Central Line Infections." Institute for Healthcare Improvement, 2004, S. 3

Teleflex is a leading global provider of specialty medical devices used for diagnostic and therapeutic procedures in critical care, urology and surgery. Our mission is to provide solutions that enable healthcare providers to improve outcomes and enhance patient and provider safety.

We specialise in devices for general and regional anaesthesia, cardiac care, respiratory care, urology, vascular access and surgery and we serve healthcare providers in more than 150 countries. Teleflex also provides specialty products for medical device manufacturers.

Our well known brands include ARROW®, DEKNATEL®, GIBECK®, HUDSON RCI®, KMEDIC®, LMA™, PILLING®, PLEUR-EVAC®, RÜSCH®, SHERIDAN®, TAUT®, TFX OEM®, VASONOVA™, VIDACARE® and WECK®, all of which are trademarks or registered trademarks of Teleflex Incorporated.

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YOUR INTERNATIONAL CONTACTS:

TELEFLEX HEADQUARTERS INTERNATIONAL, IRELAND

Teleflex Medical Europe Ltd., IDA Business and Technology Park,
Dublin Road, Athlone, Co Westmeath
Phone +353 (0)9 06 46 08 00 · Fax +353 (0)14 37 07 73
orders.intl@teleflex.com

AUSTRALIA/NEW ZEALAND +61 (0)3 9081 0600

AUSTRIA +43 (0)1 402 47 72

BELGIUM +32 (0)2 333 24 60

CHINA (SHANGHAI) +86 (0)21 6163 0965

CHINA (BEIJING) +86 (0)10 6418 5699

CZECH REPUBLIC +420 (0)495 759 111

FRANCE +33 (0)5 62 18 79 40

GERMANY +49 (0)7151 406 0

GREECE +30 210 67 77 717

INDIA +91 (0)44-2836 5040

ITALY +39 0362 58 911

JAPAN +81 (0)3 3379 1511

NETHERLANDS +31 (0)88 00 215 00

PORTUGAL +351 22 541 90 85

SINGAPORE +65 6439 3000

SLOVAK REPUBLIC +421 (0)3377 254 28

SOUTH AFRICA +27 (0)11 807 4887

SPAIN +34 918 300 451

SWITZERLAND +41 (0)31 818 40 90

UNITED KINGDOM +44 (0)1494 53 27 61

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