



REF AK-45854-P1A

8.5 Fr. 4 Lumen 20 cm catheter length .032 inch dia. spring-wire guide

# Pressure Injectable Arrowgard Blue Plus® Four-Lumen CVC

**Contents:**

- 1: Arrowgard Blue Plus®<sup>1</sup> Four-Lumen Catheter: 8.5 Fr. (3.0 mm OD) x 20 cm, Pressure Injectable
  - 1: Spring-Wire Guide, Marked: .032" (0.81 mm) dia. x 23-5/8" (60 cm) (Straight Soft Tip on One End - "J" Tip on Other) with Arrow Advancer
  - 1: Catheter: 18 Ga. x 2-1/2" (6.35 cm) Radiopaque over 20 Ga. RW Introducer Needle
  - 1: Injection Needle: SafetyGlide™<sup>2</sup> 25 Ga. x 1" (2.54 cm)
  - 1: Blunt Fill Needle: 18 Ga. x 1-1/2" (3.81 cm)
  - 1: Pressure Transduction Probe
  - 1: Introducer Needle: Echogenic 18 Ga. x 2-1/2" (6.35 cm) XTW and 5 mL Arrow® Raulerson Spring-Wire Introduction Syringe
  - 1: Injection Needle: SafetyGlide™<sup>2</sup> 22 Ga. x 1-1/2" (3.81 cm) and 5 mL Luer-Slip Syringe
  - 1: Syringe: 3 mL Luer-Lock
  - 1: Tissue Dilator: 10 Fr. (3.5 mm) x 10.2 cm
  - 1: 5 mL 1% Lidocaine HCl Solution and Alcohol Prep
  - 1: 3 mL Applicator 2% CHG and 70% IPA ChloraPrep®<sup>3</sup> One-Step Solution with Hi-Lite Orange™ Tint
  - 1: SecondSite™ Adjustable Hub: Fastener
  - 1: SecondSite™ Adjustable Hub: Catheter Clamp
  - 1: SharpsAway® Disposal Cup
  - 1: SharpsAway® II Locking Disposal Cup
  - 1: Drape: 41" x 55" with 4" fenestration
  - 1: Needle Holder
  - 1: Safety Scalpel: #11
  - 1: Checklist/CLIP Sheet
  - 1: Sterile Procedure Sign
  - 1: Flow Rate Information Card with Injection Log
  - 1: Medication Label: 1% Lidocaine
  - 2: Gauze Pad: 2" x 2" (5 cm x 5 cm)
  - 5: Gauze Pad: 4" x 4" (10 cm x 10 cm)
  - 1: Dressing: Tegaderm®<sup>4</sup> 10 cm x 12 cm
  - 1: Dressing: BIOPATCH®<sup>5</sup>
  - 1: Suture: 3-0 Silk with Curved Needle
  - 1: Tubing: 20" (50 cm) Extension
  - 1: HemoHopper® Fluid Receptacle
- <sup>1</sup>Licensed under US Patent No. 7,329,412.  
<sup>2</sup>A trademark of Becton, Dickinson and Company.  
<sup>3</sup>A registered trademark of CareFusion or one of its subsidiaries.  
<sup>4</sup>A registered trademark of 3M Company.  
<sup>5</sup>A registered trademark of Johnson & Johnson Corporation.

±Precaution: Contains Phthalate: DEHP.

**Warning:** The results of certain animal experiments have shown phthalates to be potentially toxic to reproduction. Proceeding from the present state of scientific knowledge, risks for male premature infants cannot be excluded in the case of long-term exposure or application. Medical products containing phthalates should be used only temporarily with pregnant women, nursing mothers, babies and infants.

Not made with natural rubber latex.

Store between 20 – 25°C (68 – 77°F).

Arrow International provides the enclosed medication label(s) for your convenience. Please ensure that these labels are applied to the correct syringe and corresponding medication.

**Contraindications:** The Arrowgard Blue Plus antimicrobial catheter is contraindicated for patients with known hypersensitivity to chlorhexidine, silver sulfadiazine and/or sulfa drugs.



Lumen

Lumen	Priming Volume* (mL)	Gravity Flow Rate† (mL/hr)	MAX Pressure Injection Flow Rate** (mL/sec)
Distal (16 Ga.)	0.40	2283	5
Medial 1 (14 Ga.)	0.50	4316	10
Medial 2 (18 Ga.)	0.36	1079	not rated
Proximal (18 Ga.)	0.39	1162	not rated

\* Priming volumes are approximate and are done without accessories.

† Flow rate values are approximate and are determined using deionized water at 100 cm head height.

\*\* Pressure injection flow rates are determined using media of 11.8 centipoise (cP) viscosity, with 152 cm administration set tubing.

