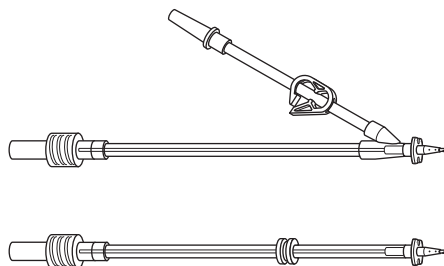




# Sarns™ Antegrade Cardioplegia Cannulae

To deliver cardioplegia antegrade through the aortic root



Sarns™ Antegrade Cardioplegia Cannulae

## ▶ Ordering Information

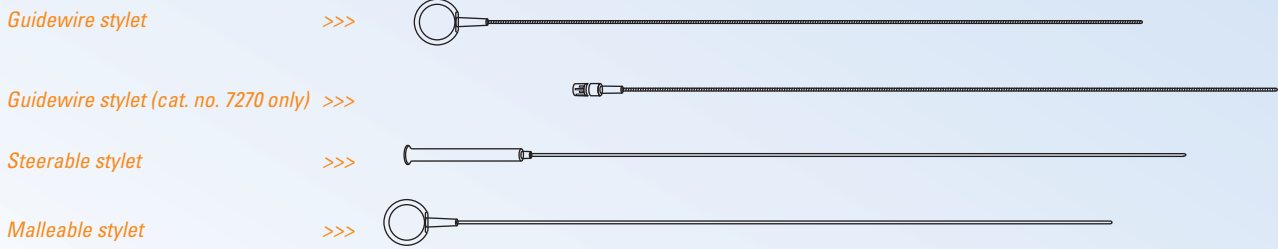
DESCRIPTION	CATALOG NO.	UNITS/CASE
<b>Female luer connector</b>		
Root infusion cannula with 12-gauge blue needle, rectangular flange and suture collar, 6.0" (15.2 cm) long	203879	10
Ⓢ Root infusion cannula with 14-gauge white needle, rectangular flange and suture collar, 6.0" (15.2 cm) long	203895	10
Root infusion cannula with 12-gauge blue needle with circular trocar and circular flange, 6.1" (15.5 cm) long	15465	20
<b>Vent catheter with female luer and 1/4" connector</b>		
Ⓢ Root infusion vent/catheter with 12-gauge blue needle, rectangular flange, 6.0" (15.2 cm) long	203861	10
Ⓢ Root infusion vent/catheter with 14-gauge white needle, rectangular flange, 6.0" (15.2 cm) long	203887	10

## ▼ Features

Sarns™ Antegrade Cardioplegia Cannulae

- Rectangular suture flange
- Luer locking needle

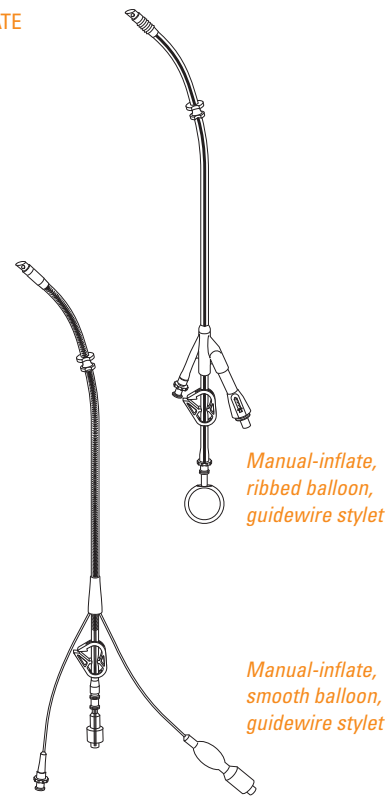
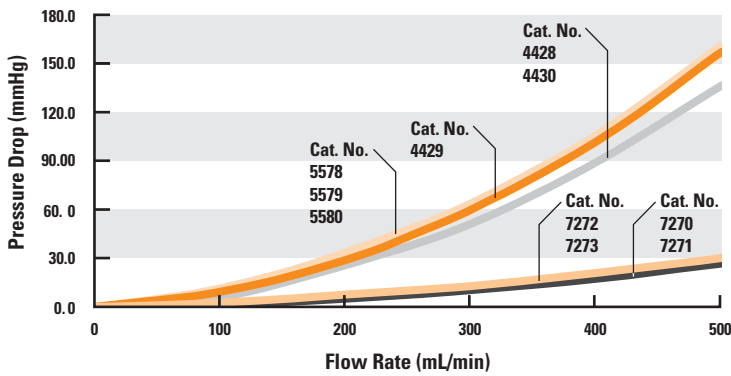
**STYLET OPTIONS**



# Sarns™ Retrograde Cardioplegia Cannulae

To deliver retrograde cardioplegia into the coronary sinus during bypass.

**PRESSURE DROP VS. FLOW RATE SARNSTM RETROGRADE CARDIOPLEGIA CANNULAE, MANUAL-INFLATE**  
Terumo in vitro evaluation. Data obtained with water.



## ▶ Ordering Information

DESCRIPTION	CATALOG NO.	UNITS/CASE
<b>Sarns™ Retrograde Cardioplegia Cannulae, manual-inflate</b>		
13 Fr, steerable stylet, ribbed balloon	5578	5
Ⓢ 13 Fr, malleable stylet, ribbed balloon	5579	5
13 Fr, guidewire stylet, ribbed balloon	5580	5
15 Fr, guidewire stylet, smooth balloon	7270	5
15 Fr, steerable stylet, smooth balloon	7271	5
15 Fr, guidewire stylet, ribbed balloon	7272	5
Ⓢ 15 Fr, steerable stylet, ribbed balloon	7273	5
17 Fr, steerable stylet, ribbed balloon	4428	5
Ⓢ 17 Fr, malleable stylet, ribbed balloon, temperature monitor	4429	5
Ⓢ 17 Fr, malleable stylet, ribbed balloon	4430	5

## ✓ Features

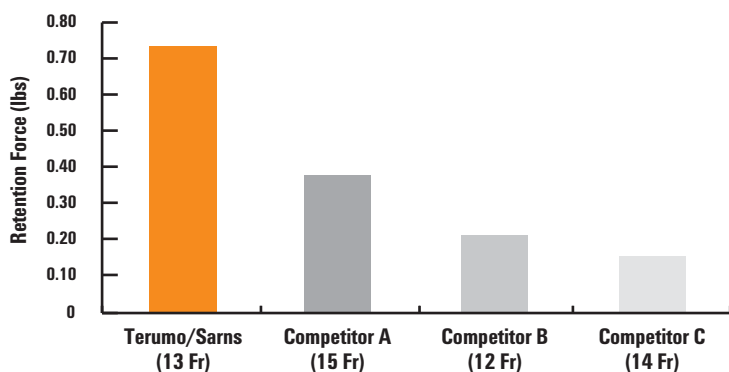
**Sarns™ Retrograde Cardioplegia Cannulae**

- Silicone cannula body and balloon
- Available with smooth or ribbed balloon
- Wide variety of stylet options



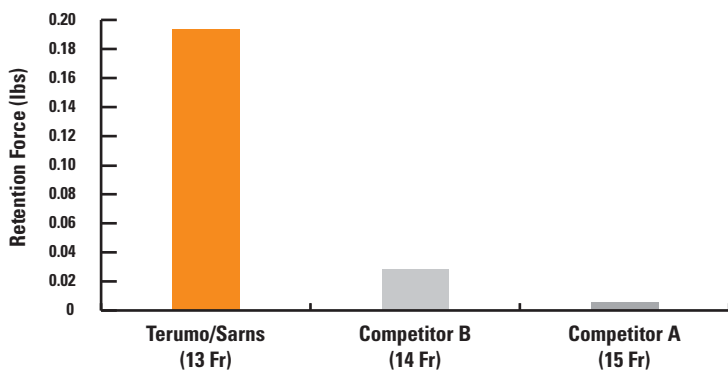
### MANUAL-INFLATE MEAN RETENTION FORCE SARNS™ RETROGRADE CARDIOPLEGIA CANNULAE

Terumo lab report #93044



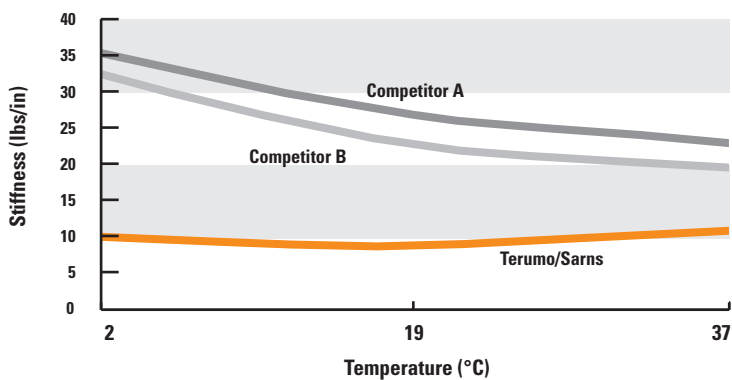
### MANUAL-INFLATE MEAN RETENTION FORCE SARNS™ RETROGRADE CARDIOPLEGIA CANNULAE

Terumo lab report #B93102



### AUTO-INFLATE STIFFNESS AT VARIOUS TEMPERATURES

Terumo lab report #B94001





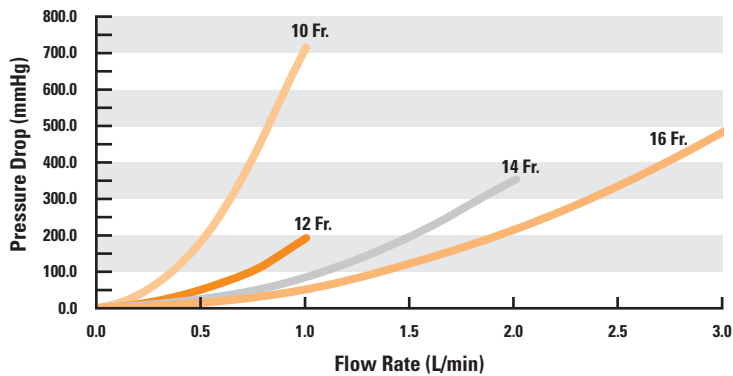
1870 Type Coronary Perfusion Cannulae



## 1870 Type Coronary Perfusion Cannulae

### PRESSURE DROP VS. FLOW RATE 1870 TYPE CORONARY PERFUSION CANNULAE

Terumo in vitro evaluation. Data obtained with water.



### ▶ Ordering Information

DESCRIPTION	CATALOG NO.	UNITS/CASE
<b>Whistle tip with suture ring, 1/4" connector</b>		
10 Fr, 27.5 cm (11") long	L7720	10
12 Fr, 27.5 cm (11") long	L7721	10
14 Fr, 27.5 cm (11") long	L7722	10
16 Fr, 27.5 cm (11") long	L7723	10

### ✓ Features

#### 1870 Type Coronary Perfusion Cannulae

- Unique tip configuration
- Smooth blood flow path
- Suture ring

## Coronary Ostia Cannulae

### ▶ Ordering Information

DESCRIPTION	CATALOG NO.	UNITS/CASE
<b>Bullet tip</b>		
10 Fr, 10" (25 cm) long	804115	10
12 Fr, 10" (25 cm) long	804117	10
14 Fr, 10" (25 cm) long	804159	10

### ✓ Features

#### Coronary Ostia Cannulae

- Basket tip
- Comfortable handle
- Stainless steel shaft