



**Specifications**

Product Code	Catheter Size	Gauge Size	Length(cm)							Spring Guidewire (J-Tip)			Dilator	Introducer Needle	
			6	8	10	13	16	20	30	Size				18Gx2 1/2"	20Gx1 1/2"
										0.018"	0.025"	0.035"			
<b>SINGLE LUMEN</b>															
CV-401-16	4F	18G					✓				✓		5F		✓
CV-401-20	4F	18G						✓			✓		5F		✓
CV-501-16	5F	16G					✓				✓		6F	✓	
CV-501-20	5F	16G						✓			✓		6F	✓	
CV-701-16	7F	14G					✓				✓		7F	✓	
CV-701-20	7F	14G						✓			✓		7F	✓	
<b>DOUBLE LUMEN</b>															
CV-402-06	4F	22/22G	✓								✓		5F		✓
CV-402-10	4F	22/22G		✓							✓		5F		✓
CV-402-16	4F	22/22G					✓				✓		5F		✓
CV-502-10	5F	18/18G		✓							✓		6F		✓
CV-502-16	5F	18/18G					✓				✓		6F		✓
CV-502-20	5F	18/18G						✓			✓		6F		✓
CV-702-16	7F	16/16G					✓				✓		8F	✓	
CV-702-20	7F	16/16G						✓			✓		8F	✓	
CV-702-30	7F	16/16G							✓		✓		8F	✓	
CV-802-16	8.5F	13/13G					✓				✓		10F	✓	
CV-802-20	8.5F	13/13G						✓			✓		10F	✓	
CV-802-30	8.5F	13/13G							✓		✓		10F	✓	
<b>TRIPLE LUMEN</b>															
CV-503-08	5.5F	20/22/22G		✓							✓		6F		✓
CV-503-13	5.5F	20/22/22G			✓						✓		6F		✓
CV-503-30	5.5F	20/22/22G							✓	✓			6F		✓
CV-703-10	7F	16/18/18G		✓							✓		8F	✓	
CV-703-16	7F	16/18/18G					✓				✓		8F	✓	
CV-703-20	7F	16/18/18G						✓			✓		8F	✓	
CV-703-30	7F	16/18/18G							✓		✓		8F	✓	
CV-713-10	7F	14/18/18G		✓							✓		8F	✓	
CV-713-16	7F	14/18/18G					✓				✓		8F	✓	
CV-713-20	7F	14/18/18G						✓			✓		8F	✓	
CV-713-30	7F	14/18/18G							✓		✓		8F	✓	
CV-803-16	8.5F	14/18/18G					✓				✓		10F	✓	
CV-803-20	8.5F	14/18/18G						✓			✓		10F	✓	
CV-803-30	8.5F	14/18/18G							✓		✓		10F	✓	
<b>QUAD LUMEN</b>															
CV-804-16	8.5F	14/16/18/18G					✓				✓		10F	✓	
CV-804-20	8.5F	14/16/18/18G						✓			✓		10F	✓	
CV-804-30	8.5F	14/16/18/18G							✓		✓		10F	✓	

**Optional Features**

Family/Configuration	Description of Configuration	Remark
CV-XXX-XX	CVC with Spring Guidewire and straight needle	NA
CVN-XXX-XX	CVC with Kink-Resistance Guidewire and straight needle	N-Refer to Kink-Resistance Guidewire
CV-XXX-XX Y	CVC with Spring Guidewire and Y-Valve Needle	Y-Refer to Y-Valve Needle
CV-XXX-XX T	CVC kit with Procedure Tray	T-Refer to Procedure Tray

All complete CVC kit includes Extension Line Clamp, Injection Site, 1 ea. of Luer Slip Syringe, 1 ea. of #11 Short Scalpel, 1 ea. of Suture Wing with Clamp Fastener & 1 ea. of Needle Sponge.

# CENTRAL VENOUS CATHETER

Multi-lumen Catheter



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# CENTRAL VENOUS CATHETER

Multi-lumen Catheter

Always convenient.  
Always ready.



## Soft Tip

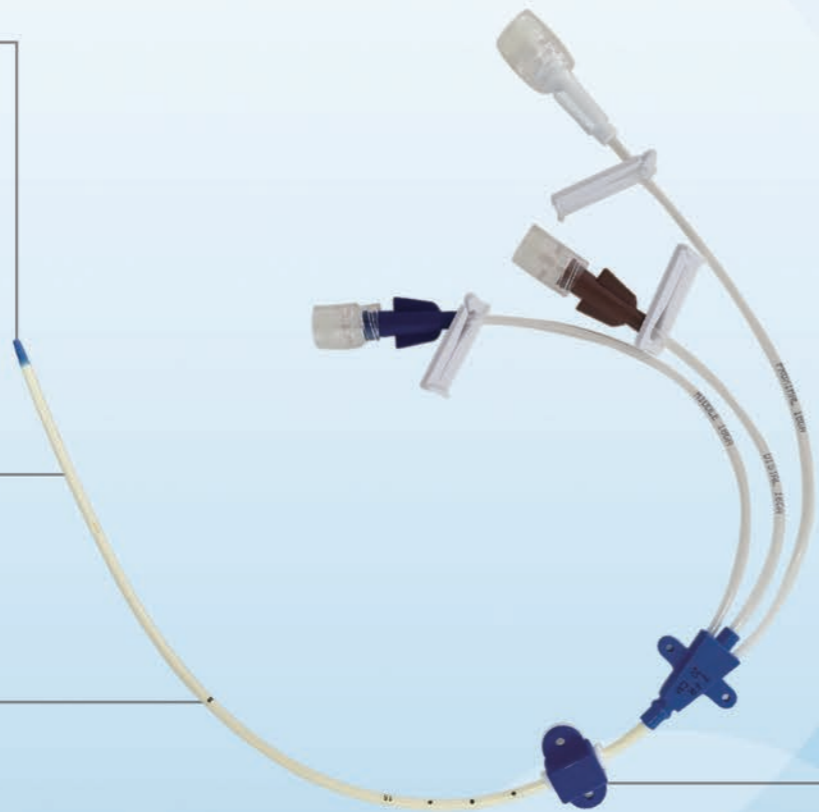
Superior geometric soft tip design makes insertion safe and easy.

## Polyurethane Material

Special formulated biocompatible polyurethane material, provides strength during insertion, yet softens in body.

## Catheter Marking

Radiopaque material with clear, definite marking, ensures correct placement of the catheter.



## Suture Wing & Clamp Fastener

Keep catheter in place thereby reducing the risk of mechanical phlebitis and irritation.

## Quality Components for Optimal Performance



## Tegaderm Transparent Dressing (optional)

Transparent window provides visibility, stabilizes catheter and protects from outside contamination.

## Introducer Needle

Available in Straight or Y needle. Y valve needle designed to prevent back-flow of blood and air embolism.

## Advancer

Single hand operated advancer helps to straighten the "J" Tip spring guidewire and advancing it to the proper position.

## Guidewire

Specially designed guidewire with a soft flexible tip to prevent vessel perforation (vascular trauma), yet provides good torque to ensure firm insertion. Markings on guidewire provide a good insertion indication.

## Needle Sponge

Specialized sponge for holding used needle preventing the potential of needle piercing.

## Contents of the CVC Procedure Tray

- Needle 22G x 1 1/2"
- Needle 25G x 5/8"
- Paper Towel 17" x 22"
- Gauze White
- Fenestrated Drape
- Sponge Swabs
- Suture: Braided Silk 3-0 with Straight Needle
- CVC Tray-Medication Cup
- CVC Kit
- Blue Wrap (70 x 70)

The CVC Procedure Tray is optional and can be purchased together with the standard central venous catheter kit as a complete set. Please approach our sales representatives for further enquires.

## Bioptimal's Basic CVC Kit

- Polyurethane Catheter
- "J" Tip Guidewire complete with Dispenser & Advancer
- Introducer Needle (Straight Needle or Y Valve Needle)
- Tegaderm Transparent Dressing (optional)
- Suture Wing & Clamp Fastener
- Extension Line Clamp
- Needle Sponge
- Vessel Dilator
- 5cc Syringe with Luer Slip
- Scalpel #11, Short
- Injection Site

Customization is available, please contact your local sales representative for more information.

