

PROCESS + SPECTRUM
CATHETERS

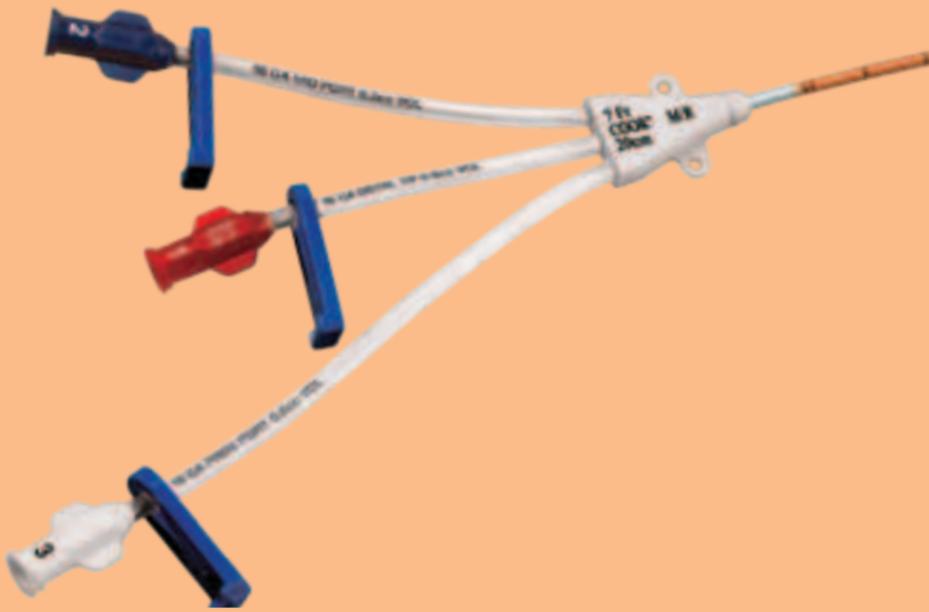
Quick Reference Guide



Spectrum®

MINOCYCLINE/RIFAMPIN CATHETERS





Suggested Lumen Use

	Port	Suggested Use
Double Lumen	Distal	whole blood or blood product delivery and sampling, any situation requiring greater flow rate, CVP monitoring, medication delivery, power injection**
	Proximal	medication delivery, acute hyperalimentation
Triple Lumen/ Five Lumen	Distal	whole blood or blood product delivery and sampling, any situation requiring greater flow rate, CVP monitoring, medication delivery, power injection**
	Mid(s)	medication delivery, acute hyperalimentation
	Proximal(s)	medication delivery

Lumen Information*

Catheter Fr	Cross-section	Lumen No./ Hub Color	Port
4.0 Double (SDLM - Soft Polyurethane)		1 2	Distal Proximal
4.0 Double (UDLM)		1 2	Distal Proximal
5.0 Double		1 2	Distal Proximal
5.0 Triple		1 2 3	Distal Mid Proximal
7.0 Triple		1 2 3	Distal Mid Proximal
7.0 Triple Power-Injectable		1 2 3	Distal Mid Proximal
8.0 Double Power-Injectable		1 2	Distal Proximal
9.0 Triple Power-Injectable		1 2 3	Distal Mid Proximal
10.0 Five Lumen Power-Injectable		1 2 3 4 5	Distal Mid Mid Proximal Proximal

*In accordance with ISO 10555-3, lumens of each device were flow tested using 20°C purified water.

**FDA cleared for power injection in 7, 8, 9, 10 Fr power-injectable CVCs only. Power injection is not recommended for other catheters.

Power Injection**

Equivalent gage	Minimum Lumen Volume mL	Approximate Flow Rate mL/hr	Maximum Flow Rate mL (cc)/sec	Average Pressure at Maximum Flow psi
20	0.3	1,380	n/a	n/a
22	0.3	720		
20	0.2	780	n/a	n/a
23	0.2	180		
20	0.2	900	n/a	n/a
20	0.2	1,200		
18	0.3	1,200	n/a	n/a
23	0.2	120		
23	0.2	120		
16	0.5	2,940	n/a	n/a
18	0.3	1,200		
18	0.3	1,200		
16	0.6	3,840	10	143
18	0.5	1,560		
18	0.6	1,860		
14	0.9	6,780	10	55
14	1.0	7,260		
14	0.9	10,140	10	36
18	0.4	1,380		
18	0.5	1,440		
14	1.0	8,820	10	32
17	0.4	2,880		
17	0.4	2,940		
19	0.2	840		
19	0.2	840		

**Tested with deionized water, with a head height of 1,000 mm.
 **Flow rate limited to contrast media through distal lumen only.

Important Information

Contraindications

Do not use on patients with known allergy or history of allergy to tetracyclines (including minocycline) or rifampin. Minocycline and rifampin are agents that do not induce any genotoxic risks except a possible teratogenic effect in pregnant women. We therefore do not recommend the use of Cook Spectrum® and Spectrum Glide catheters in pregnant women.

Hospital-Approved Injection Caps

Work with your hospital infection control team to learn about your hospital's injection caps and follow manufacturers' recommendations for proper use, care and maintenance of your caps. Failure to comply with these recommendations can lead to catheter malfunction and/or increased risk of infection.

Slide Clamps

To ensure the appropriate lumen is completely clamped off, use extra care to confirm the clamps are fully engaged in the closed position.

Preflushing

Flush all catheter lumens and injection caps prior to catheter placement.

Hydrophilic Coating

Spectrum catheters feature a hydrophilic coating that activates upon insertion. Catheters may be wetted with saline prior to placement.

Flushing CVC After Placement

When flushing the lumens and checking for blood return, flush remaining saline through the caps/lumens of CVC to ensure all blood has been cleared.

Catheter Measurement*

Catheter length should be measured from the tip to the point between two thin, black lines located 1.5 cm below the hub.

*Excludes special lengths, pigtail, 4 Fr, 5 Fr and 10 Fr catheters.

Customer Service Centers

EMEA: EDI - www.cookmedical.com/edi.do

Distributors: +353 61239240, ssc.distributors@cookmedical.com

Austria: +43 179567121, oe.orders@cookmedical.com

Belgium: +32 27001633, be.orders@cookmedical.com

Denmark: +45 38487607, da.orders@cookmedical.com

France: +33 171230269, fr.orders@cookmedical.com

Germany: +49 6950072804, de.orders@cookmedical.com

Hungary: +36 17779199, hu.orders@cookmedical.com

Ireland: +353 61239252, ie.orders@cookmedical.com

Italy: +39 0269682853, it.orders@cookmedical.com

Netherlands: +31 202013367, nl.orders@cookmedical.com

Norway: +47 23162968, no.orders@cookmedical.com

Poland: +48 223060159, pl.orders@cookmedical.com

Spain: +34 912702691, es.orders@cookmedical.com

Sweden: +46 858769468, se.orders@cookmedical.com

Switzerland:

French: +41 448009609, fr.orders@cookmedical.com

Italian: +41 448009609, it.orders@cookmedical.com

German: +41 448009609, de.orders@cookmedical.com

United Kingdom: +44 2073654183, uk.orders@cookmedical.com

Americas: EDI - www.cookmedical.com/edi.do

Phone: +1 812.339.2235, 800.457.4500, Fax: 800.554.8335

E-mail: orders@cookmedical.com

Australia:

Phone: +61 738411188, 1800777222, Fax: +61 738411288,

1800077283, E-mail: cau.custserv@cookmedical.com

www.cookmedical.com

