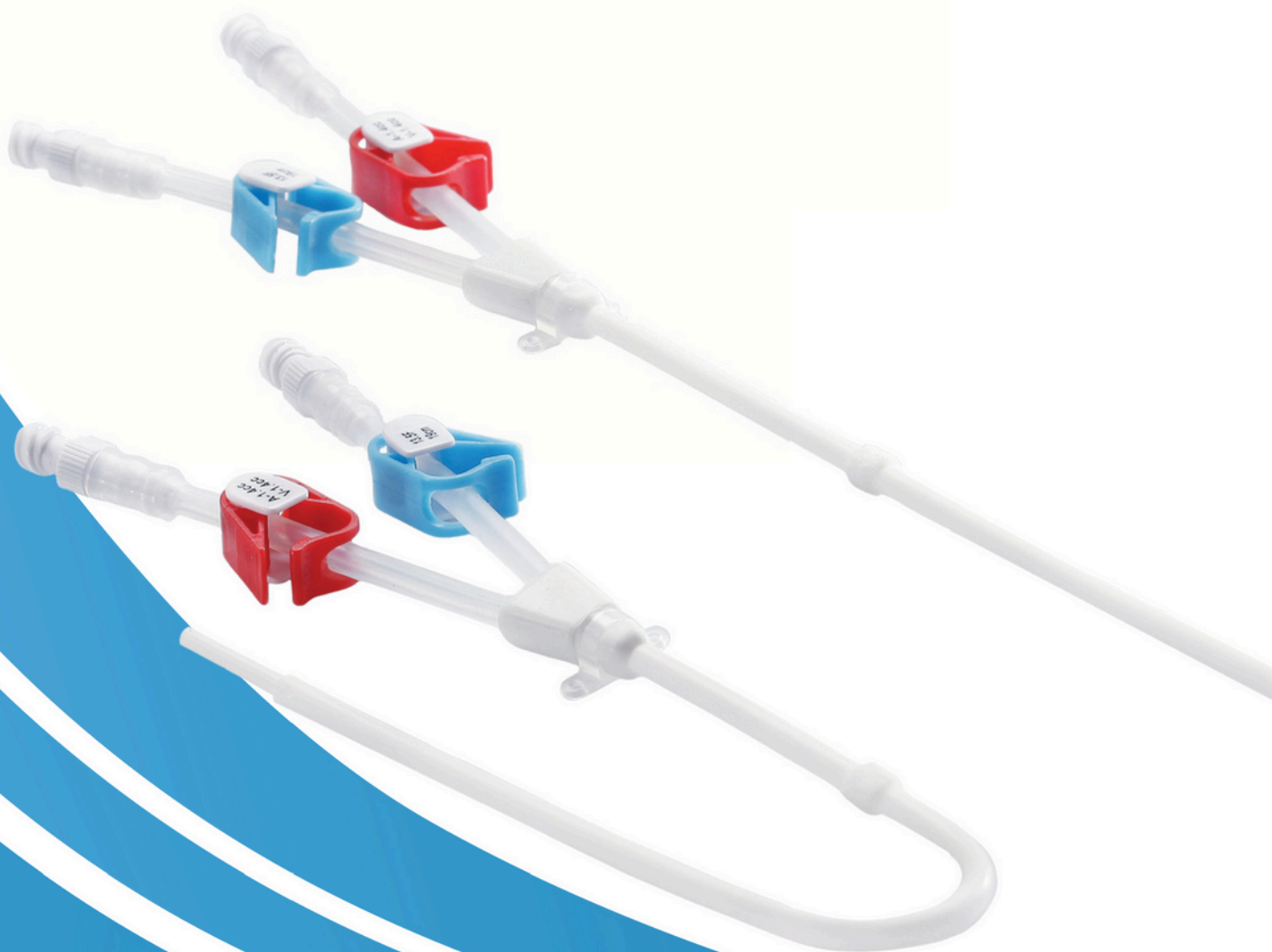


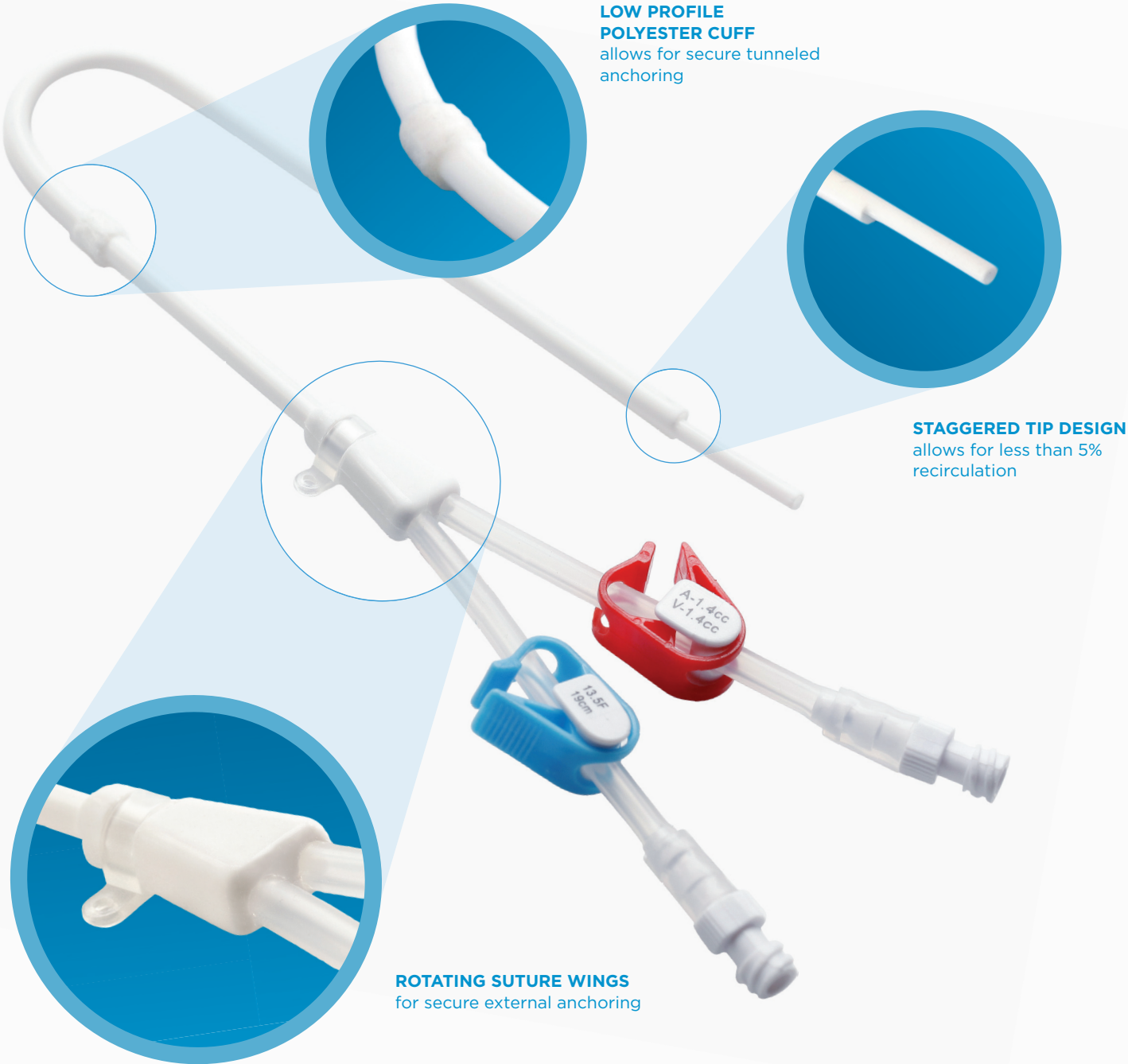
CASCADE™

Long Term Hemo-Dialysis Catheters and Kits

Intended for chronic dialysis therapy.



The CASCADE™ long term silicone catheters are intended for long term implantation for dialysis and apheresis therapy. Available in 13.5fr diameter, the CASCADE™ catheter give clinicians' high flow rates and decreases patient therapy time.



**LOW PROFILE
POLYESTER CUFF**
allows for secure tunneled
anchoring

STAGGERED TIP DESIGN
allows for less than 5%
recirculation

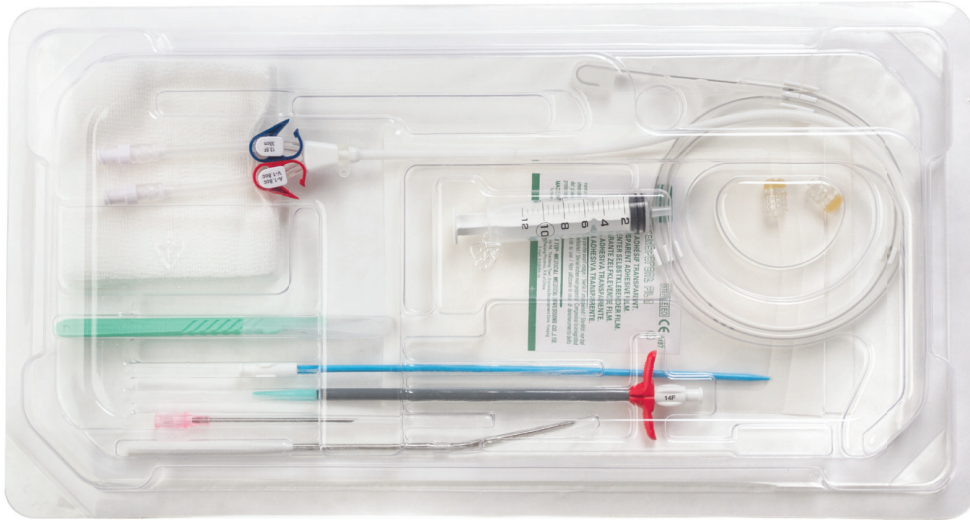
ROTATING SUTURE WINGS
for secure external anchoring

Features and Benefits

Radiopaque Silicone - Provides excellent visibility and biocompatibility

Circle C Design - Optimizes blood flow and minimizes venous back pressure

Straight or Curved Construction - The Cascade catheter comes in either straight or pre-curved variations



Cascade™ Chronic Hemodialysis/Apheresis Catheter Kits

Description	Catalogue No.	Box Qty.	Carton Qty.	French/mm	Catheter Type
Cascade™ Chronic Catheter Kits (full kit)	HMPS-2-19-SSK	5	20	13.5/4.5	Straight
	HMPS-2-23-SSK	5	20	13.5/4.5	Straight
	HMPS-2-30-SSK	5	20	13.5/4.5	Straight

Standard Kit Components

Component	Quantity	Component	Quantity
Cascade Silicone Catheter with Cuff	1	Tunneling Stylet	1
18 Ga Introducer Needle	1	4x4 Gauze	6
Guidewire	1	10cc Syringe	1
Vessel Dilator	1	Injection Caps	2
Tearaway	1	Wound Dressings	2
#11 Scalpel	1		

For ordering information or for questions about the Cascade™, please contact your Health Line Sales Consultant at (877) 847-4542 and visit us at www.hlic.net





HEALTH LINE
MEDICAL PRODUCTS

PART OF



NUMANTEC®
HUMAN INNOVATION TECHNOLOGY

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www.hlic.net

ISO13485
Certified Quality System
MKT-100-06 Rev. 03