

ALWAYS AHEAD OF THE CURVE

[THE ANGIODYNAMICS DIFFERENCE →](#)

[THE OMNI FLUSH CATHETER →](#)

[ANGIOGRAPHIC CATHETERS →](#)

[SIZING CATHETERS →](#)

[PORTFOLIO OVERVIEW →](#)

ANGIODYNAMICS ANGIOGRAPHIC CATHETERS

2019

ANGIODYNAMICS EXPANDS
PORTFOLIO TO ADD MORE THAN
130 NEW CATHETER STYLES



2007

ANGIODYNAMICS LAUNCHES
THE MARINER CATHETER LINE

Mariner
Hydrophilic Catheters

2001

ANGIODYNAMICS RELEASES
THE ACCU-VU CATHETER LINE

Accu-Vu ///
Sizing Catheters

1996

ANGIODYNAMICS UNVEILS THE
ANGIOPTIC CATHETER LINE

Angioptic
All Radiopaque Catheters

1992

ANGIODYNAMICS LAUNCHES
THE SOFT-VU CATHETER LINE

Soft-Vu
Angiographic Catheters

1988

ANGIODYNAMICS, INC. FOUNDED



At AngioDynamics, pride is an integrated piece of our creation process. Each of our employees strongly believes in the responsibility we have to provide healthcare professionals around the world with the vital tools they need to deliver high-quality patient care and improve patient outcomes. Through quality and innovation, we take this responsibility seriously by providing high performance Angiographic Catheters to our customers that are better than any of our competitors. The quality, care, and pride that we put into our products is what earns the trust of our customers and their patients. A trust that spans globally, but starts here in our backyard in upstate New York.

- Jim Clemmer
President and CEO
AngioDynamics, Inc.

THE ANGIODYNAMICS
DIFFERENCE



THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS

SIZING
CATHETERS

PORTFOLIO
OVERVIEW

DEDICATION AND INNOVATION FROM CATHETER VALLEY TO YOU

AngioDynamics' **heritage in catheters** started in **upstate New York** (Queensbury, NY), right in the Adirondacks, and still remains there. Located in the heart of "**Catheter Valley**", AngioDynamics is one of many different medical device companies providing various catheter-based technologies for minimally invasive diagnosis and treatment of various disease states.



With the launch of the **Soft-Vu catheter line in 1992**, AngioDynamics quickly became a **global leader in catheter technology innovations** for interventional radiologists for the diagnosis and treatment of peripheral vascular disease. Since then, AngioDynamics has grown to become an industry-leading provider of **high-quality medical devices for the treatment of cancer, venous disease and peripheral vascular disease** around the world.

- **Our mission remains to provide the best Angiographic Catheters in the market** to aid in the advancement of vascular procedures and patient care.
- **Quality and reliability** you can trust, with more than **30 years of catheter experience**, and a network of support from a global company with approximately 800 employees.
- With the **largest assortment of catheter configurations** on the market, AngioDynamics has the catheters you need.
- **Feel the performance** of product benefits, driven by input from our Key Opinion Leader (KOL) network for products that **meet real-world needs**.

Our commitment is to be the most dependable and supportive partner with the **best-in-class** products, for the best procedural outcomes. When you choose AngioDynamics, you are not just choosing a supplier, you are choosing a **long-term partner**.

THE ANGIODYNAMICS
DIFFERENCE



THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS

SIZING
CATHETERS

PORTFOLIO
OVERVIEW



THE OMNI FLUSH CATHETER

OFTEN IMITATED, NEVER DUPLICATED.

OMNI FLUSH TIP DESIGN

Directed Contrast Bolus¹

Allows for improved opacification, less reflux into adjacent branch vessels and less overall contrast load to the patient. (Fig A)

Contralateral Tip Positioning¹

Facilitates easier contralateral access. Once the bifurcation has been crossed and wire removed, the shape of the Omni Flush is such that the tip is pointing down into the vessel lumen. (Fig B)

Multifunctional

Single catheter for flush aortography, bilateral “run-offs” of the lower extremities, and facilitates contralateral iliac selection, saving time and money. (Fig B)

Additional Measurement Reference Tool

The distance from the top of the Omni Flush curve to the bottom of the tip is approximately 15mm.

Soft, Radiopaque Tip

Highly visible tip that is soft to minimize trauma and damage to the patient's vasculature.

Self-Dilating Tip

Aids in easier insertion of the catheter over the guidewire, as the catheter dilates the tract during advancement.

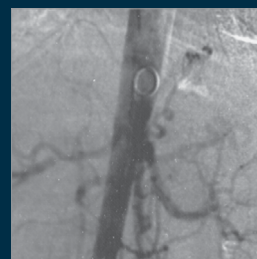
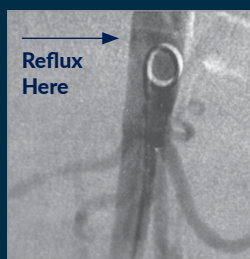


BETTER FLUSH USE

(Figure A)

5F PIGTAIL

15ml at 15ml/sec—30%



5F OMNI FLUSH

15ml at 15ml/sec—30%



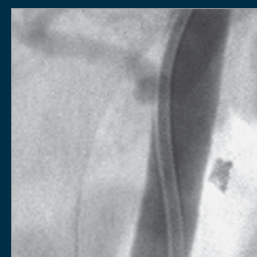
High flow stability

Better bolus concentration

CONTRALATERAL SELECTION

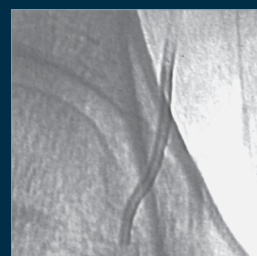
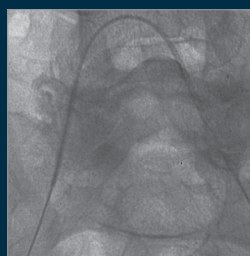
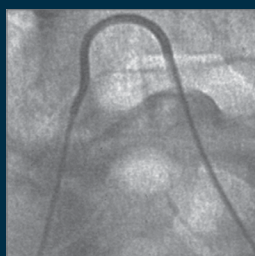
(Figure B)

5F PIGTAIL



Catheter tip positioned
against vessel wall

5F OMNI FLUSH



Facilitates Bifurcation
Crossing

Catheter tip centered
in vessel lumen

From a value perspective, the Omni Flush catheter allows you to go up and over the bifurcation for iliac access, saves you a catheter exchange and also the cost of that catheter, if you can hook the bifurcation and then pull down, that's increased utility and why some people use an Omni Flush over Pigtail.

- John Streitman, MD

Cardiovascular - Thoracic Surgeon, HCA Healthcare

THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER



ANGIOGRAPHIC
CATHETERS

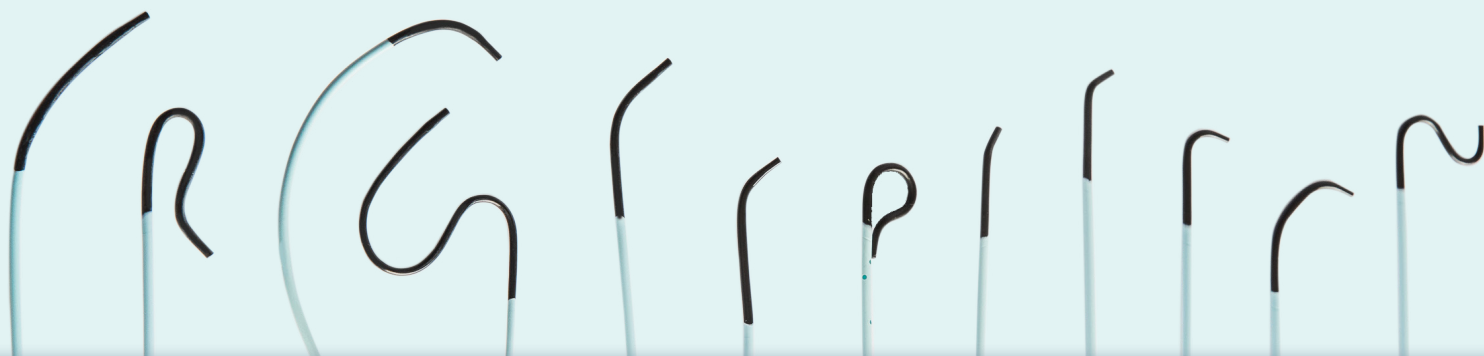
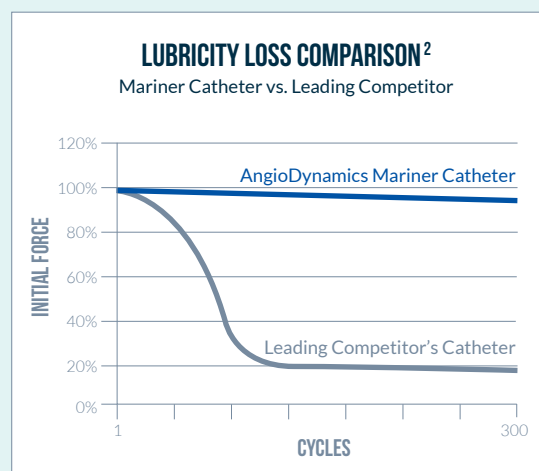
SIZING
CATHETERS

PORTFOLIO
OVERVIEW

ANGIOGRAPHIC CATHETERS

REDEFINING PERFORMANCE THROUGH INNOVATION.

	Soft-Vu Angiographic Catheters	Mariner Hydrophilic Catheters
FRENCH SIZE	4, 5 AND 6F	4 AND 5F
STANDARD LENGTH	25CM - 110CM	40CM - 110CM
LONG LENGTH	120CM - 140CM	120CM - 150CM
SHAFT TYPE	NON-BRAIDED OR BRAIDED	NON-BRAIDED OR BRAIDED
WIRE ACCEPTANCE	0.035" AND 0.038"	0.035" AND 0.038"
TIP SHAPES	SELECTIVE: 58	SELECTIVE: 46
	FLUSH: 5	FLUSH: 3
TIP TAPER	TAPERED AND NON-TAPERED	TAPERED AND NON-TAPERED
SIDE HOLES	0, 2, 4, 6, 8, 10	0, 2, 4, 6, 8, 10
DURATION HYDROPHILIC COATING	-	✓



THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS



SIZING
CATHETERS

PORTFOLIO
OVERVIEW



CANDICE
With AngioDynamics
since 2009

Super Radiopaque Tungsten Tip

for easy visualization under fluoroscopy.

Soft, Atraumatic Tip

minimizes trauma and damage to the patient's vasculature.

Self-Dilating Tip

dilates the tract, allowing for an easy, smooth insertion.

Tapered Tip

allows for excellent trackability over the guidewire.

Proprietary Tip-to-Shaft Weld Process

of radiopaque tip to co-extruded nylon shaft ensures catheter tip durability.

Co-Extruded Nylon Shaft

for dependable pushability and torquability.

Duration Hydrophilic Coating Technology on Mariner Catheters

on distal 20cm does not require pre-wetting and allows for smooth navigation, as well as optimum handling and control.

Funneled Hub

facilitates guidewire insertion into the catheter.

Robust Strain Relief

minimizes catheter buckling and kinking at the hub.

THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS

SIZING
CATHETERS

PORTFOLIO
OVERVIEW



CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP			BOX QTY	TAPERED TIP		NON-TAPERED TIP	
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	NON-BRAIDED		BRAIDED	NON-BRAIDED	BRAIDED	
	ARC	4F X 90CM (0.035")	3	0	-	-	-	-	-	-	H787117105015	H787117105005	5	
		4F X 100CM (0.038")			-	-	-	-	-	H787117105035	-	5		
		5F X 90CM (0.038")			-	-	-	-	H787117105055	H787117105045	-	-	5	
	BENTSON 1	4F X 65CM (0.038")	7.2	0	-	-	H787107100065	-	5	-	-	-	-	
		4F X 100CM (0.038")			-	-	H787107100075	-	5	-	-	H787117227135	-	5
		5F X 65CM (0.038")			H787107100085	-	-	-	5	-	-	-	-	-
		5F X 100CM (0.038")			H787107202045	-	-	-	5	H787117202045	-	-	-	5
	BENTSON 2	4F X 100CM (0.035")	8.5	0	-	-	-	H787107083025	5	-	-	-	-	
		4F X 100CM (0.038")			-	-	-	-	-	-	H787117140435	-	5	
		5F X 100CM (0.038")			H787107202055	H787107097055	-	-	5	H787117202055	-	-	-	5
	BENTSON 3	4F X 100CM (0.038")	8.5	0	-	-	H787107100095	-	5	-	-	-	-	
		5F X 100CM (0.038")			-	H787107097065	-	-	5	H787117202065	-	-	-	5
	BERENSTEIN	4F X 40CM (0.035")	3	0	-	-	-	H787107235035	5	-	-	-	H787117235035	5
		4F X 40CM (0.038")			-	-	-	-	-	-	H787117236025	-	5	
		4F X 65CM (0.035")			-	-	-	H787107235025	5	-	-	-	H787117235025	5
		4F X 65CM (0.038")			-	-	H787107140095	-	5	-	-	H787117140095	-	5
		4F X 100CM (0.035")			-	-	-	H787107235015	5	-	-	-	H787117235015	5
		4F X 100CM (0.038")			-	-	H787107140165	-	5	-	-	H787117140165	-	5
		4F X 110CM (0.035")			-	-	-	-	-	-	H787117236015	H787117235045	5	
		4F X 130CM (0.035")			-	-	-	-	-	-	H787117221105	-	5	
		4F X 130CM (0.038")			-	-	-	-	-	-	H787117221115	-	5	

CATHETER DESCRIPTION						SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
						TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	BERENSTEIN	4F X 140CM (0.035")	3	0		-	-	-	H787107227085	5	-	-	-	-	-
		4F X 150CM (0.035")				-	-	-	-	-	-	-	-	H787117227095	5
		5F X 40CM (0.038")				H787107221055	-	-	-	5	-	H787117235055	-	-	5
		5F X 65CM (0.035")				-	-	-	-	-	-	H787117227045	-	-	5
		5F X 65CM (0.038")				H787107221045	H787107227035	-	-	5	H787117221045	H787117227035	-	-	5
		5F X 100CM (0.035")				-	H787107227015	-	-	5	H787117221015	H787117227015	-	-	5
		5F X 100CM (0.038")				H787107221025	-	-	-	5	H787117221025	H787117227025	-	-	5
		5F X 110CM (0.038")				-	-	-	-	-	H787117221035	H787117227055	-	-	5
		5F X 130CM (0.035")				-	-	-	-	-	H787117221095	-	-	-	5
		5F X 130CM (0.038")				-	H787107227075	-	-	5	-	H787117227075	-	-	5
		5F X 140CM (0.035")				-	H787107227065	-	-	5	-	-	-	-	-
		5F X 150CM (0.035")				-	-	-	-	-	-	H787117227115	-	-	5
		5F X 150CM (0.038")				-	-	-	-	-	-	H787117227125	-	-	5
		6F X 65CM (0.038")				H787107317025	-	-	-	5	-	-	-	-	-
		6F X 100CM (0.038")				-	H787107113015	-	-	5	-	-	-	-	-
		5F X 65CM (0.038")	10			-	-	-	-	5	H787117221085	-	-	-	5
	CHERNE	5F X 69CM (0.035")	8	0		-	-	-	-	-	-	H787117352015	-	-	5
	COBRA 1	4F X 65CM (0.035")	2	0		-	-	-	H787107077015	5	-	-	H787117185015	H787117077015	5
		4F X 65CM (0.038")				-	-	H787107140105	-	5	-	-	H787117140105	-	5
		4F X 90CM (0.035")				-	-	-	-	-	-	-	-	H787117077045	5
		4F X 100CM (0.038")				-	-	H787107140175	-	5	-	-	H787117140175	-	5
		5F X 65CM (0.035")				-	-	-	-	-	H787117197015	H787117091015	-	-	5
		5F X 65CM (0.038")				H787107197075	H787107091075	-	-	5	H787117197075	H787117091075	-	-	5
		5F X 90CM (0.035")				-	-	-	-	-	H787117197045	H787117091045	-	-	5
		5F X 90CM (0.038")				H787107197105	H787107091105	-	-	5	H787117197105	H787117091105	-	-	5
		5F X 65CM (0.038")			2	H787107318015	-	-	-	5	H787117318015	-	-	-	5

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	COBRA 2	4F X 65CM (0.035")	2	0	-	-	-	-	-	-	H787117185025	H787117077025	5	
		4F X 65CM (0.038")			-	-	H787107140115	-	5	-	-	H787117140115	-	5
		4F X 90CM (0.035")			-	-	-	-	-	-	H787117185055	-	5	
		4F X 100CM (0.038")			-	-	H787107140185	-	5	-	-	H787117140185	-	5
		5F X 65CM (0.035")			-	-	-	-	-	H787117197025	H787117091025	-	-	5
		5F X 65CM (0.038")			H787107197085	H787107091085	-	-	5	H787117197085	H787117091085	-	-	5
		5F X 90CM (0.035")			-	-	-	-	-	H787117197055	H787117091055	-	-	5
		5F X 90CM (0.038")			H787107197115	H787107091115	-	-	5	H787117197115	H787117091115	-	-	5
		5F X 150CM (0.035")			-	-	-	-	-	-	H787117092055	-	-	5
		4F X 65CM (0.035")			2	-	-	-	H787107077085	5	-	-	-	-
		5F X 65CM (0.035")	-	-		-	-	-	H787117318055	-	-	-	5	
		5F X 65CM (0.038")	H787107318025	-		-	-	5	H787117318025	-	-	-	5	
			COBRA 3	4F X 65CM (0.038")	2	0	-	-	H787107140125	-	5	-	-	-
4F X 100CM (0.038")	-			-			H787107140195	-	5	-	-	-	-	-
5F X 65CM (0.038")	H787107197095			H787107091095			-	-	5	H787117197095	-	-	-	5
5F X 90CM (0.038")	H787107197125			-			-	-	5	-	-	-	-	-
5F X 65CM (0.038")	2			-	-	-	-	-	H787117318035	-	-	-	-	
	COBRITA	5F X 25CM (0.035")	2	0	H787107230745	-	-	-	5	-	-	-	-	
		5F X 65CM (0.035")			H787107230185	-	-	-	5	-	-	-	-	-
	DRESCHER	4F X 130CM (0.035")	1.5	0	-	-	-	-	-	-	-	-	H787117071335	5
	HAWKINS HAIRPIN	4F X 90CM (0.038")	4.5	1	-	-	-	-	-	-	-	H787117251015	-	5
		5F X 90CM (0.038")			-	-	-	-	-	H787117251025	-	-	-	5

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP			BOX QTY	TAPERED TIP		NON-TAPERED TIP	
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	NON-BRAIDED		BRAIDED	NON-BRAIDED	BRAIDED	
	HASTINGS U-TURN	5F X 90CM (0.038")	2.5	0	H787107229915	-	-	-	5	-	-	-	-	-
	HEAD HUNTER 1	4F X 65CM (0.038")	8	0	-	-	H787107140275	-	5	-	-	-	-	-
		4F X 100CM (0.035")			-	-	-	-	-	H787117183015	H787117075015	5		
		4F X 100CM (0.038")			-	-	H787107140405	-	5	-	-	H787117140405	-	5
		4F X 130CM (0.035")			-	-	-	H787107089065	5	-	-	-	H787117089065	5
		4F X 130CM (0.038")			-	-	-	-	-	-	-	H787117092155	-	5
		5F X 65CM (0.038")			-	H787107089055	-	-	5	-	H787117089055	-	-	5
		5F X 100CM (0.035")			-	-	-	-	-	H787117195015	H787117089015	-	-	5
		5F X 100CM (0.038")			H787107195035	H787107089035	-	-	5	H787117195035	H787117089035	-	-	5
		5F X 130CM (0.035")			-	-	-	-	-	H787117195055	H787117089075	-	-	5
		5F X 130CM (0.038")			-	-	-	-	-	H787117195075	H787117092165	-	-	5
		5F X 140CM (0.038")			H787107195055	-	-	-	5	-	-	-	-	-
					HEAD HUNTER 3	4F X 100CM (0.035")	12	0	-	-	H787107183025	-	5	-
5F X 100CM (0.035")	-		-	-		-			H787117195025	-	-	-	5	
5F X 100CM (0.038")	H787107195045		-	-		-			5	H787117195045	-	-	-	5
	HOCKEY STICK 1	5F X 65CM (0.035")	3.5	0	H787107218055	-	-	-	5	-	-	-	-	-
		4F X 65CM (0.038")	4		-	-	H787107140335	-	5	-	-	H787117140335	-	5
		4F X 100CM (0.038")			-	-	H787107140475	-	5	-	-	-	-	
		5F X 100CM (0.035")			H787107218015	-	-	-	5	H787117218015	-	-	-	5
		5F X 100CM (0.038")			-	H787107224035	-	-	5	-	-	-	-	-
		4F X 100CM (0.035")	5		-	-	-	-	-	-	-	-	H787117325015	5
	HOCKEY STICK 2	5F X 65CM (0.038")	10	0	-	H787107224055	-	-	5	-	-	-	-	-
		5F X 100CM (0.038")			-	H787107224045	-	-	5	-	-	-	-	-
	HOOK 1	4F X 65CM (0.035")	3.5	0	-	-	H787107187015	-	5	-	-	H787117187015	-	5
		5F X 65CM (0.035")			-	-	-	-	H787117199015	-	-	-	5	
		5F X 65CM (0.038")			H787107199035	-	-	-	5	H787117199035	-	-	-	5
	HOOK 2	4F X 65CM (0.035")	4.5	0	-	-	-	H787107079025	5	-	-	H787117187025	-	5
		5F X 65CM (0.035")			-	H787107093025	-	-	5	-	-	-	-	-

THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS



SIZING
CATHETERS

PORTFOLIO
OVERVIEW

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	JB 1	4F X 65CM (0.038")	3	0	-	-	H787107140355	-	5	-	-	H787117140355	-	5
		4F X 100CM (0.035")			-	-	-	-	-	-	H787117340025	5		
		4F X 100CM (0.038")			-	-	H787107140495	-	5	-	-	H787117140495	-	5
		5F X 65CM (0.038")			-	H787107341015	-	-	5	-	H787117341015	-	-	5
		5F X 100CM (0.035")			-	H787107341035	-	-	5	H787117342015	-	-	-	5
		5F X 100CM (0.038")			-	-	-	-	-	-	H787117341025	-	-	5
		5F X 130CM (0.035")			-	-	-	-	-	-	H787117342095	-	-	5
		5F X 130CM (0.038")			H787107342085	-	-	-	5	-	-	-	-	-
		5F X 150CM (0.035")			-	-	-	-	-	-	H787117092175	-	-	5
	JB 2	5F X 100CM (0.038")	1	0	-	-	-	-	-	-	H787117092185	-	-	5
		5F X 110CM (0.035")			-	-	-	-	H787117342035	-	-	-	5	
		4F X 65CM (0.038")	3		-	-	H787107140365	-	5	-	-	H787117140365	-	5
		4F X 100CM (0.038")			-	-	H787107140505	-	5	-	-	H787117140505	-	5
		5F X 100CM (0.035")			H787107342045	-	-	-	5	H787117342045	-	-	-	5
		5F X 130CM (0.038")			8.5	H787107342075	-	-	-	5	-	-	-	-
	JB 3	4F X 65CM (0.038")	3	0	-	-	-	-	-	-	-	H787117140375	-	5
		4F X 100CM (0.038")			-	-	H787107140515	-	5	-	-	-	-	-
		5F X 100CM (0.035")	4		H787107342065	-	-	-	5	H787117342065	-	-	-	5
	KERBER	5F X 100CM (0.035")	5	0	-	-	-	-	-	H787117348015	-	-	-	5
	KERNS	4F X 65CM (0.035")	2	1	-	-	-	-	-	-	-	H787117338015	H787117339015	5

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP			BOX QTY	TAPERED TIP		NON-TAPERED TIP	
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	NON-BRAIDED		BRAIDED	NON-BRAIDED	BRAIDED	
	KUMPE	4F X 40CM (0.035")	3	0	-	-	H787107343015	-	5	-	-	-	-	
		4F X 40CM (0.038")			-	-	H787107100135	-	5	-	-	H787117327045	-	5
		4F X 65CM (0.038")			-	-	H787107140145	-	5	-	-	H787117140145	-	5
		4F X 100CM (0.035")			-	-	-	-	-	-	H787117343025	-	5	
		4F X 100CM (0.038")			-	-	H787107140215	-	5	-	-	H787117140215	-	5
		5F X 25CM (0.035")			H787107327075	-	-	-	5	-	-	-	-	-
		5F X 40CM (0.035")			-	-	-	-	-	H787117327055	H787117327065	-	-	5
		5F X 40CM (0.038")			H787107327025	-	-	-	5	H787117327025	-	-	-	5
		5F X 65CM (0.038")			H787107327015	-	-	-	5	H787117327015	-	-	-	5
		5F X 100CM (0.038")			H787107327035	-	-	-	5	H787117327035	-	-	-	5
		5F X 150CM (0.035")			-	-	-	-	-	-	H787117092195	-	-	5
	LEVIN	4F X 65CM (0.035")	3	0	-	-	-	H787107328015	5	-	-	-	H787117328015	5
		5F X 65CM (0.038")			-	H787107100145	-	-	5	-	-	-	-	-
	MANI	4F X 65CM (0.038")	7.5	0	-	-	H787107140295	-	5	-	-	-	-	-
		4F X 100CM (0.035")			-	-	-	-	-	-	-	H787117182015	-	5
		4F X 100CM (0.038")			-	-	H787107140445	-	5	-	-	H787117092205	-	5
		5F X 100CM (0.035")			-	-	-	-	-	H787117194015	-	-	-	5
		5F X 100CM (0.038")			H787107194025	H787107088025	-	-	5	-	-	-	-	-
	MATARJEME	5F X 65CM (0.035")	12.5	0	-	H787107353015	-	-	5	-	-	-	-	
	MIKAELSSON	4F X 90CM (0.035")	4.5	0	-	-	H787107337015	-	5	-	-	-	-	-
		5F X 80CM (0.038")			H787107321015	-	-	-	5	H787117321015	-	-	-	5

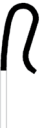
CATHETER DESCRIPTION						SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
						TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	MPA	4F X 65CM (0.035")	3.2	0		-	-	-	-	-	-	-	-	H787117354015	5
		4F X 65CM (0.038")				-	-	H787107140385	-	5	-	-	H787117140385	-	5
		4F X 100CM (0.035")				-	-	-	-	-	-	-	-	H787117354025	5
		4F X 100CM (0.038")				-	-	H787107140525	-	5	-	-	H787117140525	-	5
		4F X 130CM (0.038")				-	-	H787107100155	-	5	-	-	-	-	-
		5F X 65CM (0.038")					H787107355025	-	-	5	-	H787117355025	-	-	5
		5F X 80CM (0.035")				-	-	-	-	-	-	H787117355035	-	-	5
		5F X 100CM (0.038")				-	H787107355045	-	-	5	-	H787117355045	-	-	5
		5F X 130CM (0.038")				-	H787107100165	-	-	5	-	-	-	-	-
		6F X 90CM (0.035")				H787107357015	-	-	-	5	-	-	-	-	-
		4F X 150CM (0.038")		6		-	-	-	-	-	-	-	H787117092215	-	5
		5F X 65CM (0.035")				-	H787107356015	-	-	5	-	-	-	-	-
		5F X 100CM (0.035")				-	H787107356025	-	-	5	-	H787117356025	-	-	5
		5F X 150CM (0.038")				-	-	-	-	-	-	H787117092225	-	-	5
	MPB	4F X 65CM (0.038")	3.5	0		-	-	H787107140395	-	5	-	-	-	-	-
		4F X 100CM (0.038")				-	-	H787107140535	-	5	-	-	-	-	-
		5F X 65CM (0.038")				-	H787107349015	-	-	5	-	H787117349015	-	-	5
		5F X 80CM (0.038")				-	H787107100195	-	-	5	-	-	-	-	-
	NAVIGATE 1	5F X 65CM (0.035")	1.9	0		H787107100735	-	-	-	5	-	-	-	-	-
	NAVIGATE 2	5F X 65CM (0.035")	2.2	0		H787107100745	-	-	-	5	-	-	-	-	-
	NAVIGATE 3	5F X 65CM (0.035")	2.2	0		H787107100755	-	-	-	5	-	-	-	-	-
	NAVIGATE 4	5F X 65CM (0.035")	3	0		H787107100765	-	-	-	5	-	-	-	-	-

CATHETER DESCRIPTION						SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
						TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	NAVIGATE 5	5F X 65CM (0.035")	3.6	0		H787107100775	-	-	-	5	-	-	-	-	-
	NEWTON 1	4F X 100CM (0.038")	8	0		-	-	H787107100205	-	5	-	-	-	-	-
		5F X 100CM (0.038")				H787107100215	-	-	-	5	-	-	-	-	-
	NEWTON 2	4F X 100CM (0.038")	8.5	0		-	-	H787107100225	-	5	-	-	-	-	-
		5F X 100CM (0.035")				H787107203025	-	-	-	5	-	-	-	-	-
	NEWTON 3	4F X 100CM (0.038")	8.5	0		-	-	H787107100235	-	5	-	-	-	-	-
		5F X 100CM (0.038")				H787107203065	-	-	-	5	-	-	-	-	-
	NEWTON 5	4F X 100CM (0.035")	6	0		-	-	H787107191045	-	5	-	-	-	-	-
		5F X 100CM (0.035")	8			H787107203075	-	-	-	5	-	-	-	-	-
	OMEGA	5F X 100CM (0.038")	2	0		-	H787107100905	-	-	5	-	H787117105125	-	-	5
		5F X 130CM (0.038")				-	H787107100925	-	-	5	-	H787117105145	-	-	5
	OSBORNE 1	4F X 100CM (0.035")	5	0		-	-	H787107329025	-	5	-	-	-	H787117345015	5
	OSBORNE 2	4F X 100CM (0.035")	5	0		-	-	H787107329015	-	5	-	-	H787117329015	-	5
		5F X 100CM (0.035")				H787107344015	-	-	-	5	H787117344015	-	-	-	5
	RC 1	4F X 65CM (0.035")	6	0		-	-	-	H787107330015	5	-	-	-	-	-
		5F X 65CM (0.035")				-	H787107331015	-	-	5	-	H787117331015	-	-	5
	RC 2	5F X 65CM (0.038")	9	0		-	H787107331025	-	-	5	-	H787117331025	-	-	5
	RENAL	4F X 65CM (0.035")	7.5	0		-	-	H787107188015	-	5	-	-	H787117188015	H787117080015	5
		5F X 65CM (0.035")				-	-	-	-	-	H787117200015	-	-	-	5
		5F X 65CM (0.038")				H787107200025	H787107094025	-	-	5	H787117200025	-	-	-	5

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}					
					TAPERED TIP		NON-TAPERED TIP			BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	NON-BRAIDED		BRAIDED	NON-BRAIDED	BRAIDED		
	RIM	5F X 65CM (0.038")	3	0	H787107334015	-	-	-	5	H787117334015	-	-	-	5	
		4F X 65CM (0.035")	5		-	H787107332015	-	-	-	5	-	-	-	H787117332015	5
		5F X 25CM (0.035")			-	H787107334035	-	-	-	5	-	-	-	-	
		5F X 40CM (0.035")			-	H787107334025	-	-	-	5	-	-	-	-	
		5F X 65CM (0.035")			-	H787107333015	-	-	5	-	H787117333015	-	-	5	
		5F X 90CM (0.038")			-	H787107100305	-	-	5	-	-	-	-	-	
		5F X 150CM (0.035")			-	-	-	-	-	-	H787117092245	-	-	5	
	SHARP ANGLE	4F X 65CM (0.035")	3	0	-	-	-	H787107100875	5	-	-	-	-	-	
		4F X 100CM (0.038")			-	H787107100885	-	5	-	-	-	-	-	-	
		4F X 130CM (0.038")			-	-	-	-	-	-	-	H787117105065	-	5	
		5F X 65CM (0.038")			-	H787107100825	-	-	5	H787117105085	H787117105075	-	-	5	
		5F X 100CM (0.035")			-	H787107100805	-	-	5	-	-	-	-	-	
		5F X 100CM (0.038")			-	-	-	-	-	H787117105105	H787117105095	-	-	5	
		5F X 130CM (0.038")			-	H787107100865	-	-	5	-	H787117105115	-	-	5	
	SHEPHERD HOOK 1	4F X 65CM (0.035")	3.5	0	-	-	-	H787107078015	5	-	-	-	-	-	
		4F X 65CM (0.038")			-	-	-	-	-	-	H787117186035	-	5		
		5F X 65CM (0.035")			-	-	-	-	-	H787117198015	H787117092015	-	-	5	
		5F X 65CM (0.038")			H787107198035	H787107092035	-	-	5	-	H787117092035	-	-	5	
	SHEPHERD HOOK 2	4F X 65CM (0.035")	4	0	-	-	H787107186025	-	5	-	-	-	-	-	
		4F X 65CM (0.038")			-	-	-	-	-	-	H787117186045	-	5		
		5F X 65CM (0.035")			-	-	-	-	-	H787117198025	-	-	-	5	
		5F X 65CM (0.038")			H787107198045	H787107092045	-	-	5	-	-	-	-	-	

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	SIMMONS SIDEWINDER 1	4F X 65CM (0.035")	7.5	0	-	-	-	H787107076015	5	-	-	-	-	-
		4F X 65CM (0.038")			-	H787107196095	-	5	-	-	-	-	-	
		4FX 100CM (0.035")			-	-	-	-	-	-	H787117184025	H787117076025	5	
		5F X 65CM (0.035")			H787107196015	-	-	5	H787117196015	H787117090015	-	-	5	
		5F X 65CM (0.038")			-	H787107090055	-	5	H787117196055	H787117090055	-	-	5	
		5FX 100CM (0.035")			-	-	-	-	H787117196025	H787117090025	-	-	5	
		5FX 100CM (0.038")			H787107196065	H787107090065	-	5	H787117196065	H787117090065	-	-	5	
		5FX 130CM (0.035")			-	-	-	-	-	H787117090145	-	-	5	
		5FX 150CM (0.035")			-	-	-	-	-	H787117092385	-	-	5	
		6F X 65CM (0.035")			-	H787107104015	-	5	-	-	-	-	-	
		6FX 100CM (0.035")			H787107208025	-	-	5	-	-	-	-	-	
	SIMMONS SIDEWINDER 1ST	4F X 65CM (0.038")	2	0	-	-	H787107140305	-	5	-	-	H787117140305	-	5
		4F X 100CM (0.035")			-	-	H787107076055	5	-	-	-	-	-	
		4F X 100CM (0.038")			-	H787107140415	-	5	-	-	H787117140415	-	5	
		4F X 130CM (0.035")			-	-	-	-	-	-	-	H787117090125	5	
		5F X 65CM (0.038")			H787107100545	H787107100515	-	5	H787117092415	H787117092405	-	-	5	
		5F X 100CM (0.038")			-	H787107090095	-	5	H787117092505	H787117090095	-	-	5	
		5F x 130CM (0.038")			-	H787107100535	-	5	-	-	-	-	-	
	SIMMONS SIDEWINDER 2	4F X 65CM (0.038")	11.5	0	-	-	H787107100595	-	5	-	-	-	-	-
		4FX 100CM (0.035")			-	-	H787107076035	5	-	-	H787117184035	H787117076035	5	
		5F X 65CM (0.038")			H787107100625	-	-	5	-	H787117092425	-	-	5	
		5FX 100CM (0.035")			-	-	-	-	H787117196035	H787117090035	-	-	5	
		5FX 100CM (0.038")			H787107196075	H787107090075	-	5	H787117196075	H787117090075	-	-	5	
		5FX 130CM (0.038")			-	-	-	-	-	H787117090155	-	-	5	
		5FX 150CM (0.035")			-	-	-	-	-	H787117092435	-	-	5	

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	SIMMONS SIDEWINDER 2 ST	4F X 65CM (0.038")	3	0	-	-	H787107140315	-	5	-	-	H787117140315	-	5
		4F X 100CM (0.038")			-	-	H787107140425	-	5	-	-	H787117140425	-	5
		4F X 130CM (0.035")			-	-	-	-	-	-	-	H787117090135	5	
		5F X 100CM (0.035")			-	-	-	-	-	H787117090115	-	-	5	
		5F X 100CM (0.038")			-	H787107090105	-	-	5	-	H787117090105	-	-	5
	SIMMONS SIDEWINDER 3	4F X 100CM (0.035")	13	0	-	-	H787107184045	-	5	-	-	-	-	-
		5F X 100CM (0.035")			-	-	-	-	-	H787117196045	-	-	-	5
		5F X 100CM (0.038")			H787107196085	H787107090085	-	-	5	-	H787117090085	-	-	5
	SOS OMNI 0 MINI (TIGHT CURVE)	4F X 65CM (0.035")	3	0	-	-	H787107115025	-	5	-	-	H787117115015 H787117115025	-	5
		4F X 65CM (0.035")	3.5		-	-	-	-	-	-	H787117358015	-	5	
	SOS OMNI 0	4F X 65CM (0.038")	4.5	0	-	-	H787107100335	-	5	-	-	H787117092255	-	5
		4F X 80CM (0.035")			-	-	-	H787107114045	5	-	-	-	H787117114045	5
		4F X 80CM (0.038")			-	-	H787107140235	-	5	-	-	H787117140235	-	5
		5F X 65CM (0.038")			H787107100355	H787107100345	-	-	5	-	H787117092265	-	-	5
		5F X 80CM (0.035")			-	-	-	-	-	H787117204075	H787117120045	-	-	5
		5F X 80CM (0.038")			H787107204085	H787107120085	-	-	5	H787117204085	H787117120085	-	-	5
	SOS OMNI 1	4F X 65CM (0.038")	5	0	-	-	H787107100365	-	5	-	-	H787117092275	-	5
		4F X 80CM (0.035")			-	-	-	H787107114015	5	-	-	-	H787117114015	5
		4F X 80CM (0.038")			-	-	H787107140245	-	5	-	-	H787117140245	-	5
		5F X 65CM (0.038")			H787107100385	H787107100375	-	-	5	-	H787117092285	-	-	5
		5F X 80CM (0.035")			-	-	-	-	-	H787117204025	H787117120015	-	-	5
		5F X 80CM (0.038")			H787107204015	H787107120055	-	-	5	H787117204015	H787117120055	-	-	5
		5F X 80CM (0.035")			-	-	-	-	-	-	-	-	-	-
		5F X 80CM (0.035")	2	H787107320025	-	-	-	5	H787117320025	-	-	-	5	

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
					TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
TIP IMAGE	NAME	CATHETER FRENCH LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	SOS OMNI 2	4F X 65CM (0.035")	4.5	0	-	-	-	H787107100395	5	-	-	-	-	
		4F X 65CM (0.038")			-	H787107100405	-	5	-	-	H787117140545	-	5	
		4F X 80CM (0.035")			-	-	H787107114025	5	-	-	-	H787117114025	5	
		4F X 80CM (0.038")			-	H787107140255	-	5	-	-	H787117140255	-	5	
		5F X 65CM (0.038")			H787107100415	-	-	5	H787117092305	H787117092295	-	-	5	
		5F X 80CM (0.035")			-	-	-	-	H787117204035	H787117120025	-	-	5	
		5F X 80CM (0.038")			H787107204055	H787107120065	-	-	5	H787117204055	H787117120065	-	-	5
		5F X 80CM (0.035")	2	2	H787107320015	-	-	-	5	H787117320015	-	-	-	5
		4F X 80CM (0.035")			4	4	-	-	-	H787107114055	5	-	-	-
	SOS OMNI 3	4F X 65CM (0.038")	5	0			-	-	H787107100425	-	5	-	-	H787117092315
		4F X 80CM (0.035")			-	-	H787107114035	5	-	-	-	H787117114035	5	
		4F X 80CM (0.038")			-	H787107140265	-	5	-	-	H787117140265	-	5	
		5F X 65CM (0.038")			H787107100435	-	-	5	H787117092325	-	-	-	5	
		5F X 80CM (0.035")			-	-	-	-	H787117204045	H787117120035	-	-	5	
		5F X 80CM (0.038")			H787107204065	H787107120075	-	-	5	H787117204065	H787117120075	-	-	5
	STRAIGHT ART	4F X 65CM (0.035")	1	0	-	-	H787107314015	-	5	-	-	H787117314015	-	5
		4F X 90CM (0.035")			-	-	-	-	-	-	H787117314035	-	5	
		4F X 150CM (0.035")			-	-	-	-	-	-	-	H787117092335	5	
		4F X 150CM (0.038")			-	-	-	-	-	-	H787117315075	-	5	
		5F X 25CM (0.035")			H787107315095	-	-	5	-	-	-	-	-	
		5F X 40CM (0.035")			H787107315105	-	-	5	-	-	-	-	-	
		5F X 65CM (0.035")			H787107315025	-	-	5	H787117315025	-	-	-	5	
		5F X 65CM (0.038")			-	-	-	-	H787117092345	H787117092375	-	-	5	
		5F X 110CM (0.035")			-	H787107100485	-	-	5	-	-	-	-	-
		5F X 110CM (0.038")			-	-	-	-	-	H787117315085	-	-	-	5

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}					MARINER HYDROPHILIC CATHETER ^{3,4}				
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SOFT TIP LENGTH (CM) +/- 1MM	# OF SIDE HOLES	TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP		BOX QTY
					NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED		NON-BRAIDED	BRAIDED	NON-BRAIDED	BRAIDED	
	STRAIGHT ART	4F X 40CM (0.038")	1.5	0	-	-	H787107100475	-	5	-	-	-	-	-
		4F X 65CM (0.035")			-	-	H787107314025	-	5	-	-	H787117314025	-	5
		4F X 65CM (0.038")			-	-	-	-	-	-	H787117140155	-	5	
		4F X 100CM (0.038")			-	-	H787107140225	-	5	-	-	H787117140225	-	5
		4F X 130CM (0.035")			-	-	-	H787107315035	5	-	-	H787117315045	H787117315035	5
		5F X 130CM (0.038")			-	-	-	-	-	H787117315055	H787117315065	-	-	5
		5F X 90CM (0.038")	1		H787107315015	-	-	-	5	H787117315015	-	-	-	5
		5F X 150CM (0.035")			-	-	-	-	-	H787117092355	-	-	5	
		5F X 150CM (0.038")			-	-	-	-	-	H787117092365	-	-	5	
		6F X 110CM (0.038")			10	-	-	H787107316015	-	5	-	-	-	-
	VERTEBRAL	4F X 65CM (0.038")	0	0	-	-	H787107100665	-	5	-	-	H787117092465	-	5
		4F X 130CM (0.035")			-	-	-	H787107100655	5	-	-	-	-	-
		4F X 150CM (0.038")			-	-	-	-	-	-	H787117092455	-	5	
		5F X 65CM (0.038")			H787107100705	-	-	-	5	H787117092495	H787117092475	-	-	5
		5F X 130CM (0.038")			-	H787107100685	-	-	5	-	-	-	-	-
		5F X 150CM (0.038")			-	-	-	-	-	-	H787117092485	-	-	5
		4F X 100CM (0.035")	5.5	2	-	-	-	-	-	-	-	H787117181015	H787117073015	5
		4F X 100CM (0.038")			-	-	H787107140455	-	5	-	-	H787117140455	-	5
		4F X 130CM (0.035")			-	-	-	-	-	-	-	-	H787117087045	5
		5F X 100CM (0.035")			-	-	-	-	-	H787117193015	-	-	-	5
		5F X 100CM (0.038")			H787107193025	H787107087025	-	-	5	H787117193025	H787117087025	-	-	5
		5F X 130CM (0.035")			-	-	-	-	-	H787117193035	H787117087035	-	-	5
		6F X 130CM (0.038")		8	H787107100725	-	-	-	5	-	-	-	-	-
				WEINBERG	5F X 100CM (0.035")	4	0	-	-	-	-	-	H787117336015	-
5F X 100CM (0.038")	-		H787107335015		-			-	5	-	-	-	-	-

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}				MARINER HYDROPHILIC CATHETER ^{3,4}			
					TAPERED TIP		NON-TAPERED TIP		BOX QTY	TAPERED TIP		NON-TAPERED TIP
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	# OF SIDE HOLES	SOFT TIP LENGTH (CM) +/- .1MM	NON-BRAIDED	BRAIDED	NON-BRAIDED			NON-BRAIDED		NON-BRAIDED
	MINI OMNI FLUSH	4F X 65CM (0.035")	6	3.4	-	-	H787107323045	10	-		-	-
	OMNI FLUSH	4F X 65CM (0.035")		3.4	-	-	H787107323015	10	-		H787117323015	10
		4F X 65CM (0.038")			-	-	H787107140015	10	-		H787117140015	10
		4F X 90CM (0.035")			-	-	H787107323025	10	-		H787117323025	10
		4F X 90CM (0.038")			-	-	H787107140045	10	-		H787117140045	10
		4F X 110CM (0.035")			-	-	H787107323035	10	-		H787117323035	10
		5F X 65CM (0.035")			H787107322015	-	-	10	-		H787117322015	10
		5F X 65CM (0.038")			H787107322035	-	-	10	H787117322035	-		10
		5F X 90CM (0.035")			H787107322025	-	-	10	H787117322025	-		10
		5F X 90CM (0.038")			H787107322045	-	-	10	H787117322045	-		10
		5F X 100CM (0.038")			H787107322055	-	-	10	H787117322055	-		10
	RACKET	4F X 65CM (0.035")	10	4.7	-	-	H787107081015	10	-		-	-
		4F X 90CM (0.035")			-	-	H787107081025	10	-		-	-
		5F X 65CM (0.038")			H787107095045	-	-	10	-		-	-
		5F X 90CM (0.035")			-	-	-		H787117095025	-		10
		5F X 100CM (0.038")			H787107095065	-	-	10	-		-	-
	90° PIGTAIL	6F x 100CM (0.038")	10	7.5	-	H787507226315	-	5	-		-	-

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}				MARINER HYDROPHILIC CATHETER ^{3,4}		
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	# OF SIDE HOLES	SOFT TIP LENGTH (CM) +/- .1MM	TAPERED TIP		NON-TAPERED TIP		TAPERED TIP	NON-TAPERED TIP	BOX QTY
					NON-BRAIDED	BRAIDED	NON-BRAIDED	BOX QTY	NON-BRAIDED	NON-BRAIDED	
	PIGTAIL	4FX 65CM (0.035")	10	4.6	-	-	-	-	-	H787117071015	10
		4FX 65CM (0.038")			-	-	H787107140025	10	-	-	-
		4FX 90CM (0.035")			-	-	-	-	-	H787117071025	10
		4FX 90CM (0.038")			-	-	H787107140055	10	-	H787117140055	10
		4FX 100CM (0.035")			-	-	H787107071035	10	-	H787117071035	10
		4FX 110CM (0.035")			-	-	-	-	-	H787117071045	10
		4FX 110CM (0.038")			-	-	H787107140085	10	-	H787117140085	10
		5FX 65CM (0.035")	5	5	H787107085015	-	-	10	H787117085015	-	10
		5FX 65CM (0.038")			H787107085045	-	-	10	H787117085045	-	10
		5FX 90CM (0.035")			H787107085025	-	-	10	H787117085025	-	10
		5FX 90CM (0.038")			H787107085055	-	-	10	H787117085055	-	10
		5FX 110CM (0.035")			H787107085035	-	-	10	H787117085035	-	10
		5FX 110CM (0.038")			H787107085065	-	-	10	H787117085065	-	10
		5FX 130CM (0.038")			H787107085075	-	-	5	-	-	-
		5FX 150CM (0.035")			-	-	-	-	H787117092235	-	5
		6FX 65CM (0.038")			H787107100275	-	-	10	-	-	-
		6F x 110CM (0.038")			H787107099065	-	-	10	-	-	-

CATHETER DESCRIPTION					SOFT-VU ANGIOGRAPHIC CATHETER ^{3,4}				MARINER HYDROPHILIC CATHETER ^{3,4}		
TIP IMAGE	NAME	CATHETER FRENCH, LENGTH AND GUIDEWIRE ACCEPT (O.D.)	# OF SIDE HOLES	SOFT TIP LENGTH (CM) +/- .1MM	TAPERED TIP		NON-TAPERED TIP	BOX QTY	TAPERED TIP	NON-TAPERED TIP	BOX QTY
					NON-BRAIDED	BRAIDED	NON-BRAIDED		NON-BRAIDED	NON-BRAIDED	
	STRAIGHT FLUSH	4FX 65CM (0.035")	6	1	-	-	H787107072015	10	-	H787117072015	10
		4FX 65CM (0.038")			-	-	-	-	-	H787117140035	10
		4FX 90CM (0.035")			-	-	H787107072025	10	-	H787117072025	10
		4FX 90CM (0.038")			-	-	-	-	-	H787117140065	10
		4FX 120CM (0.035")			-	-	H787107100445	5	-	-	-
		5FX 65CM (0.035")	6	1.5	-	-	-	-	H787117086015	-	10
		5FX 65CM (0.038")			H787107086035	-	-	10	H787117086035	-	10
		5FX 90CM (0.035")			-	-	-	-	H787117086025	-	10
		5FX 90CM (0.038")			H787107086045	-	-	10	H787117086045	-	10
		5FX 120CM (0.035")			H787107100455	-	-	5	-	-	-
		6FX 65CM (0.038")			H787107100035	-	-	10	-	-	-
		6FX 90CM (0.038")			H787107100045	-	-	10	-	-	-

SIZING CATHETERS

LEADING THE WAY IN PRECISION AND PERFORMANCE.

	Accu-Vu //// Sizing Catheters
FRENCH SIZE	4F AND 5F
GUIDEWIRE ACCEPTANCE	0.035" AND 0.038"
LENGTH	70, 90 AND 100CM
MARKER BAND	PLATINUM
MARKER BAND ACCURACY	+/- 1MM ACROSS THE ENTIRE SIZING PATTERN
TIP SHAPES + SIDE HOLES	OMNI FLUSH: 6
	STRAIGHT: 6
	PIGTAIL: 10
SOFT-VU CATHETER FEATURES + BENEFITS	✓
MARKER BAND PLACEMENT	2CM: 2 BANDS SPACED 2CM APART
	20CM: 21 BANDS SPACED 1CM APART
	25CM: 6 BANDS SPACED 1CM APART; 4 BANDS SPACED 5CM APART
	28MM: 2 BANDS SPACED 28MM APART

SEGMENT SIZING CATHETER ILLUSTRATIONS

2cm Segment Sizing Catheter



20cm Segment Sizing Catheter



25cm Segment Sizing Catheter



28mm Segment Sizing Catheter



ACCU-VU²



COMPETITOR A



COMPETITOR B



THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS

SIZING
CATHETERS



PORTFOLIO
OVERVIEW

Soft, Atraumatic Tip

minimizes trauma and damage to vessels.

Strategic First Marker Band Placement

enables placement of catheter tip right above the renal artery level and the first radiopaque marker at the top of the renal artery, limiting the filling of the SMA with contrast.

Platinum Marker Bands

for enhanced visibility under fluoroscopy.

Unique Heat Embedded Marker Band Process

ensures markers will not separate from shaft and provides a smooth transition.

GREG

With AngioDynamics since 2017

THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS

SIZING
CATHETERS

PORTFOLIO
OVERVIEW



CATHETER DESCRIPTION							ACCU-VU SIZING CATHETER ^{3,4}					
TIP IMAGE	NAME	# OF SIDE HOLES	CATHETER LENGTH AND GUIDEWIRE ACCEPT (O.D.)	SEGMENT SIZING CATHETER	QTY OF MARKER BANDS	MARKER BAND SPACING INCREMENTS	4F		5F		PRESSURE LIMIT (PSI/kPa)	BOX QTY
							NON-BRAIDED	MAXIMUM FLOW RATE (mL/sec)	NON-BRAIDED	MAXIMUM FLOW RATE (mL/sec)		
	OMNI FLUSH	6	70CM (0.035")	2CM	2	2CM	H787137090055	20	H787137090015	26	1050/7239	10
			70CM (0.038")				-	-	H787137090025	26	1050/7239	10
			100CM (0.035")				H787137090065	16	H787137090035	22	1050/7239	10
			100CM (0.038")				-	-	H787137090045	22	1050/7239	10
			70CM (0.035")	20CM	21	1CM	H787137097045	20	H787137097015	26	1050/7239	5
			70CM (0.038")				-	-	H787137097025	26	1050/7239	5
			100CM (0.035")				H787137097055	16	H787137097035	22	1050/7239	5
			70CM (0.035")	25CM	10	6 / 1CM 4 / 5CM	H787137094055	20	H787137094015	26	1050/7239	5
			70CM (0.038")				-	-	H787137094025	26	1050/7239	5
			100CM (0.035")				-	-	H787137094035	22	1050/7239	5
			100CM (0.038")				-	-	H787137094045	22	1050/7239	5
	PIGTAIL	10	70CM (0.035")	2CM	2	2CM	H787137091055	20	H787137091015	26	1050/7239	10
			70CM (0.038")				-	-	H787137091025	26	1050/7239	10
			100CM (0.035")				H787137091065	16	H787137091035	22	1050/7239	10
			100CM (0.038")				-	-	H787137091045	22	1050/7239	10
			70CM (0.035")	20CM	21	1CM	H787137098045	26	H787137098015	26	1050/7239	5
			70CM (0.038")				-	-	H787137098025	26	1050/7239	5
			100CM (0.035")				H787137098055	16	H787137098035	22	1050/7239	5
			70CM (0.035")	25CM	10	6 / 1CM 4 / 5CM	-	-	H787137095015	26	1050/7239	5
			70CM (0.038")				-	-	H787137095025	26	1050/7239	5
			100CM (0.035")				H787137095065	16	H787137095035	22	1050/7239	5
			100CM (0.038")				-	-	H787137095045	22	1050/7239	5
			70CM (0.035")	28MM	2	28MM	H787137093035	20	H787137093015	26	1050/7239	10
			90CM (0.035")				H787137093045	18	H787137093025	24	1050/7239	10
	STRAIGHT FLUSH	6	70CM (0.035")	2CM	2	2CM	H787137092035	20	H787137092015	26	1050/7239	10
			100CM (0.035")				H787137092045	16	H787137092025	22	1050/7239	10
			70CM (0.035")	20CM	21	1CM	H787137099025	20	H787137099015	26	1050/7239	5
			100CM (0.035")				-	-	H787137099205	22	1050/7239	5
			70CM (0.035")	25CM	10	6 / 1CM 4 / 5CM	-	-	H787137096015	26	1050/7239	5
			100CM (0.035")				H787137096045	16	H787137096025	22	1050/7239	5

From our hearts to yours. We put love into all that we do, so you can continue to love what you do.

- Carol Lancette
Production Supervisor, AngioDynamics, Inc.



CAROL
*With AngioDynamics
since 1995*

AMY
*With AngioDynamics
since 1986*

**THE ANGIODYNAMICS
DIFFERENCE**

**THE OMNI FLUSH
CATHETER**

**ANGIOGRAPHIC
CATHETERS**

**SIZING
CATHETERS**
←

**PORTFOLIO
OVERVIEW**



OUR PORTFOLIO

WE HAVE WHAT IT TAKES TO GET YOU THERE

	Soft-Vu  Angiographic Catheters	Mariner  Hydrophilic Catheters	Accu-Vu  Sizing Catheters
FRENCH SIZE	4, 5 AND 6F	4 AND 5F	4 AND 5F
STANDARD LENGTH	25CM – 110CM	40CM – 110CM	70, 90 AND 100CM
LONG LENGTH	120CM – 140CM	120CM – 150CM	-
SHAFT TYPE	NON-BRAIDED OR BRAIDED	NON-BRAIDED OR BRAIDED	NON-BRAIDED
WIRE ACCEPTANCE	0.035" AND 0.038"	0.035" AND 0.038"	0.035" AND 0.038"
TIP SHAPES	SELECTIVE: 58	SELECTIVE: 46	-
	FLUSH: 5	FLUSH: 3	FLUSH: 3
TIP TAPER	TAPERED AND NON-TAPERED	TAPERED AND NON-TAPERED	-
SIDE HOLES	AVAILABLE	AVAILABLE	-
DURATION HYDROPHILIC COATING	NO	YES	NO
MARKER BAND	NO	NO	YES, 4 SEGMENT SIZING OPTIONS

THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS

SIZING
CATHETERS

PORTFOLIO
OVERVIEW



EXTENSIVE PORTFOLIO. SPECIALIZED FOCUS.



angiodynamics

THE ANGIODYNAMICS
DIFFERENCE

THE OMNI FLUSH
CATHETER

ANGIOGRAPHIC
CATHETERS

SIZING
CATHETERS

PORTFOLIO
OVERVIEW



FOOTNOTES

1. Endovascular Today: Tips and Tricks of RAS for High-Risk Patients By Thomas A. Sos, MD and David W. Trost, MD
2. Data on File.
3. Not all products may be available for sale in your market. Please consult with your local AngioDynamics Partner for product availability and additional product information.
4. Low volume configurations may be built to order and require a greater lead time.

INDICATIONS FOR USE

AngioDynamics Angiographic Catheters are for use where angiographic diagnosis is indicated.

Contraindications: None known.

Refer to Instructions for Use and/or User Manual provided with the product for complete Instructions, Warnings, Precautions, Potential Adverse Effects and Contraindications prior to use of the product.

CAUTION

Federal law (USA) restricts this device to sale by or on the order of a physician.

USA > 14 Plaza Drive, Latham, NY 12110 > tel: 800-772-6446 or 518-798-1215 > fax: 518-798-1360

International > Haaksbergweg 75 (Margriettoeren), 1101 BR, Amsterdam 2-0, Netherlands

tel: +31 (0)20 753 2949 > fax: +31 (0)20 753 2939

www.angiodynamics.com

AngioDynamics, the AngioDynamics logo, Duration, Soft-Vu, the Soft-Vu logo, Mariner, the Mariner logo, Accu-Vu, the Accu-Vu logo, AngiOptic, the AngiOptic logo, Omni, and SOS Omni are trademarks and/or registered trademarks of AngioDynamics Inc., an affiliate or subsidiary. All other trademarks are property of their respective owners. © 2023 AngioDynamics, Inc. GLVA/BR/1890 Rev 02 07/2023

