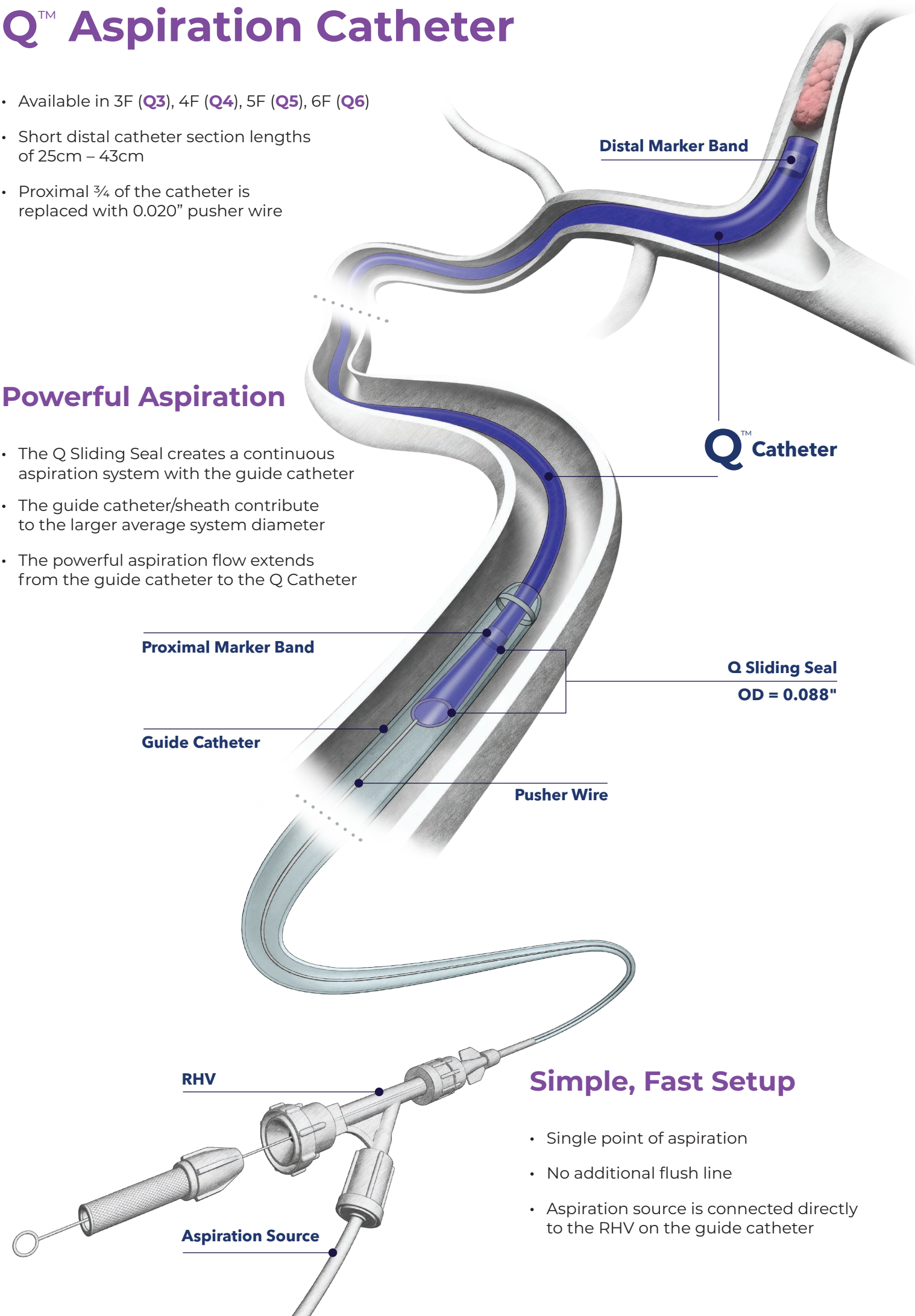
Go Further
Go Faster
Go MIVI

Q™ Aspiration Catheter

Q3 | Q4 | Q5 | Q6

Q™ Aspiration Catheter

- Available in 3F (**Q3**), 4F (**Q4**), 5F (**Q5**), 6F (**Q6**)
- Short distal catheter section lengths of 25cm – 43cm
- Proximal ¾ of the catheter is replaced with 0.020” pusher wire



Powerful Aspiration

- The Q Sliding Seal creates a continuous aspiration system with the guide catheter
- The guide catheter/sheath contribute to the larger average system diameter
- The powerful aspiration flow extends from the guide catheter to the Q Catheter

Simple, Fast Setup

- Single point of aspiration
- No additional flush line
- Aspiration source is connected directly to the RHV on the guide catheter

Understanding Aspiration Flow Basics

The Hagen-Poiseuille Law (HPL) of fluid dynamics dictates aspiration flow (Q) through a lumen.

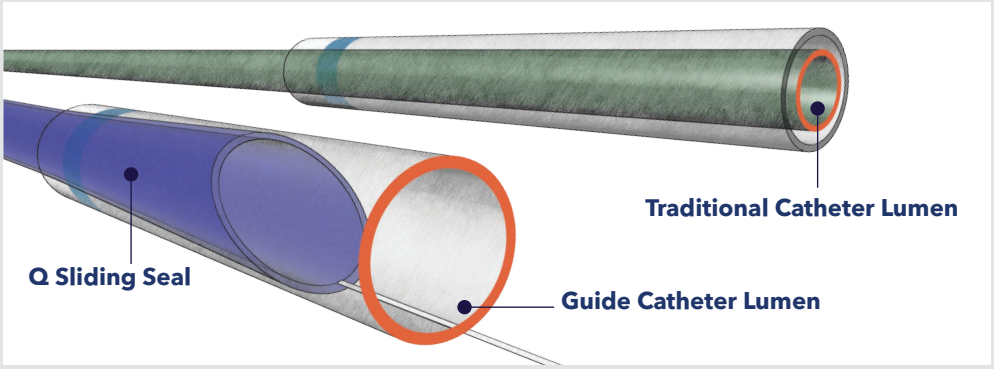
$$Q = \frac{\pi r^4 \Delta P}{8 \eta L}$$

What impacts aspiration flow (Q)?

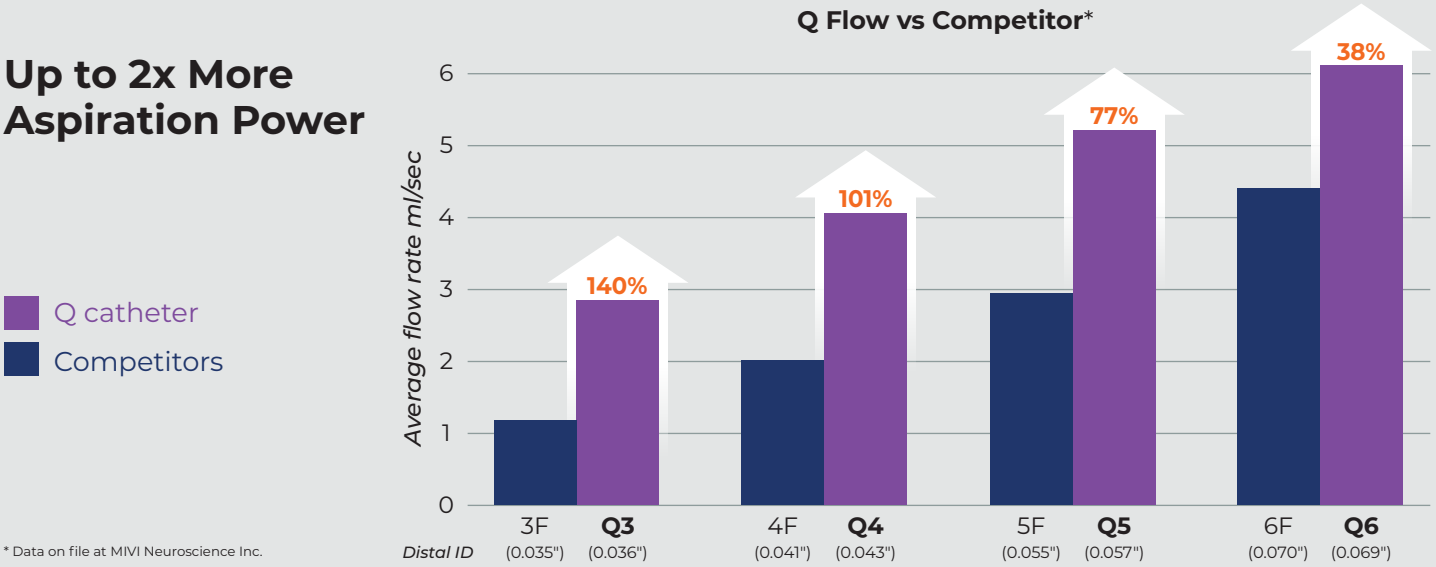
r = Radius of system components
n = viscosity of clot
P = Pressure (pump or syringe)
L = Length of system

Maximize Average System Diameter

The Q's smart design utilizes the 8F guide catheter's lumen to maximize the average diameter of the system.



Up to 2x More Aspiration Power



* Data on file at MIVI Neuroscience Inc.

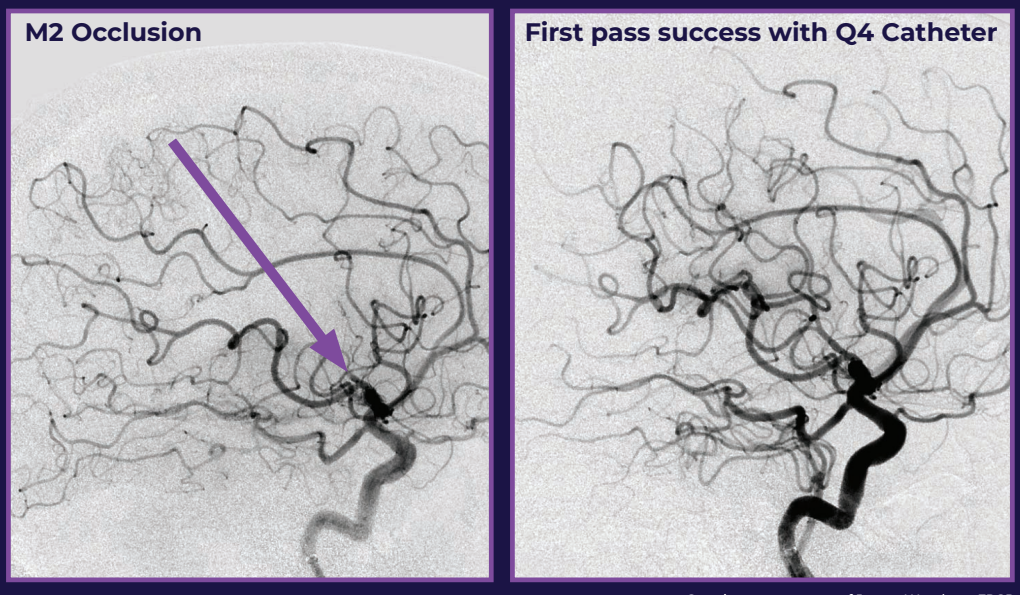
MIVI4MEVO

Primary M2 Occlusion

Patient presented with a Primary M2 Occlusion

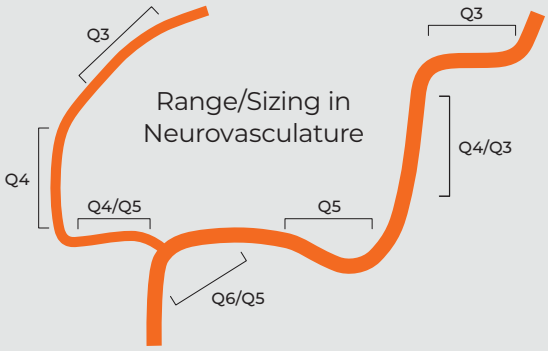
Treated with Q4 Aspiration Catheter

Vessel Revascularization was successful on First Pass

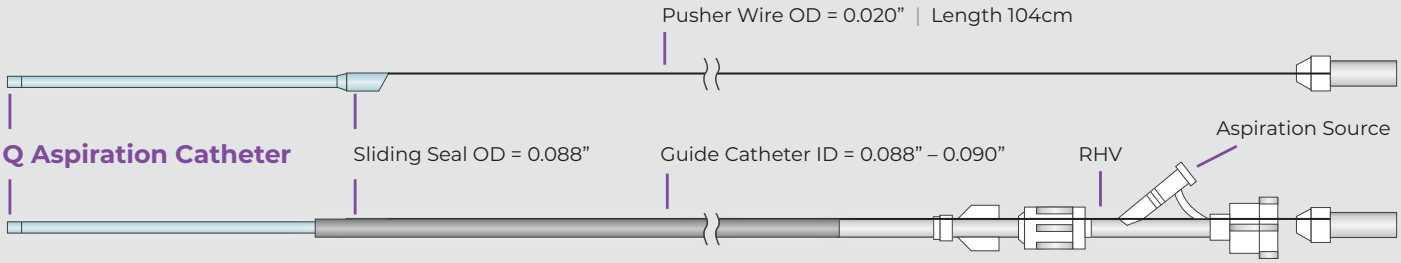


Case images courtesy of James Wareham FRCR Southmead Hospital Bristol UK

Q™ Catheter Portfolio



Device Model	Usable Length	Catheter Section Length	Distal Catheter Section ID	Proximal Catheter Section ID	Distal Catheter Section OD	Proximal Catheter Section OD
Q3-36163-E	143cm	43cm	0.91mm (0.036”)	1.45mm (0.057”)	1.22mm (0.048”)	2.24mm (0.088”)
Q4-43150-E	130cm	30cm	1.09mm (0.043”)	1.45mm (0.057”)	1.40mm (0.055”)	2.24mm (0.088”)
Q5-57145-E	125cm	25cm	1.45mm (0.057”)	1.45mm (0.057”)	1.83mm (0.072”)	2.24mm (0.088”)
Q6-69145-E	125cm	25cm	1.75mm (0.069”)	1.75mm (0.069”)	2.13mm (0.084”)	2.24mm (0.088”)



Aspiration Accessories

Product Code	Description	Length	Internal Diameter
HFT 110 E	MIVI HFT 110™ High Flow Tubing	112” (285cm)	0.110”

Devices for use with Q

Q Catheter	Maximum Microcatheter Size	Guide Catheter/Sheath
Q3	2.4F	8Fr Guide Catheter or 6Fr Sheath ID = 0.088” - 0.090” Guide/Sheath Length = 90 or 95cm
Q4	3.0F	
Q5	4.0F	
Q6	5.0F	

Scan for additional product information, animations and more

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Data on file at MIVI Neuroscience Inc.

Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary.

CE 0344

Indications for Use:
The Q™ Aspiration Catheter is indicated for the removal of fresh, soft emboli and thrombi in the peripheral and neurovascular systems. It may also be used as a diagnostic angiographic catheter.