MicroVention®
TERUMO

Sofia™ PLUS

Soft torqueable catheter Optimized For Intracranial Access

EXTREMELY TRACKABLE

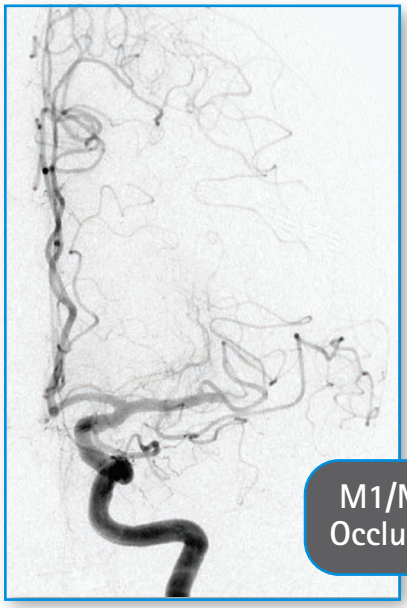
LARGE LUMEN

ASPIRATION CATHETER

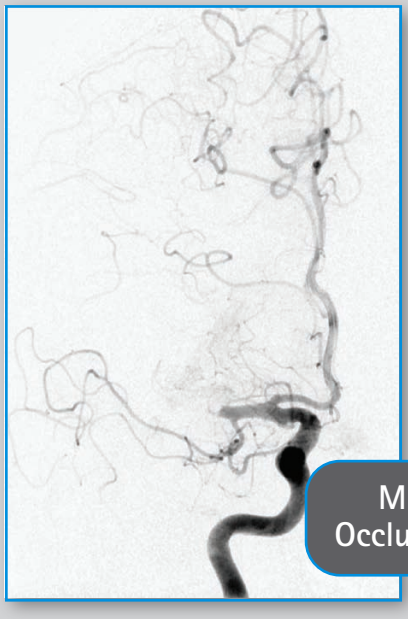
CLINICAL EXPERIENCE

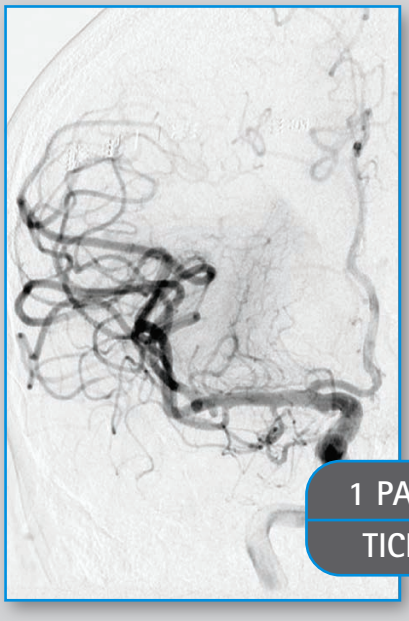
Courtesy of Dr. Mohlenbruch,
Heidelberg University Hospital

Case 1



Case 2





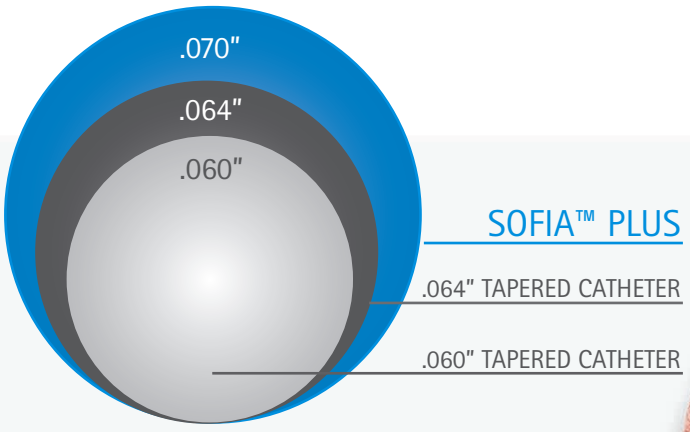
Design Features

ATTRIBUTE	BENEFIT
0.070" Lumen	Wide Inner Lumen for Increased Aspiration Ability
Exceptionally Soft Distal Tip	Allows Smooth Bypass of the Ophthalmic Artery
125cm Working Length Available	More Microcatheter Length for Retrieval Device Deployment
Long 131cm Working Length Available	Ability to Reach Distal Vessels/Occlusions
Steam Shapeable Tip and Torqueable Shaft	Ability to Steer Distal Tip Past Difficult Bifurcations
Enhanced Kink Resistance	Maintains Distal and Proximal Lumen Integrity

More ASPIRATION POWER

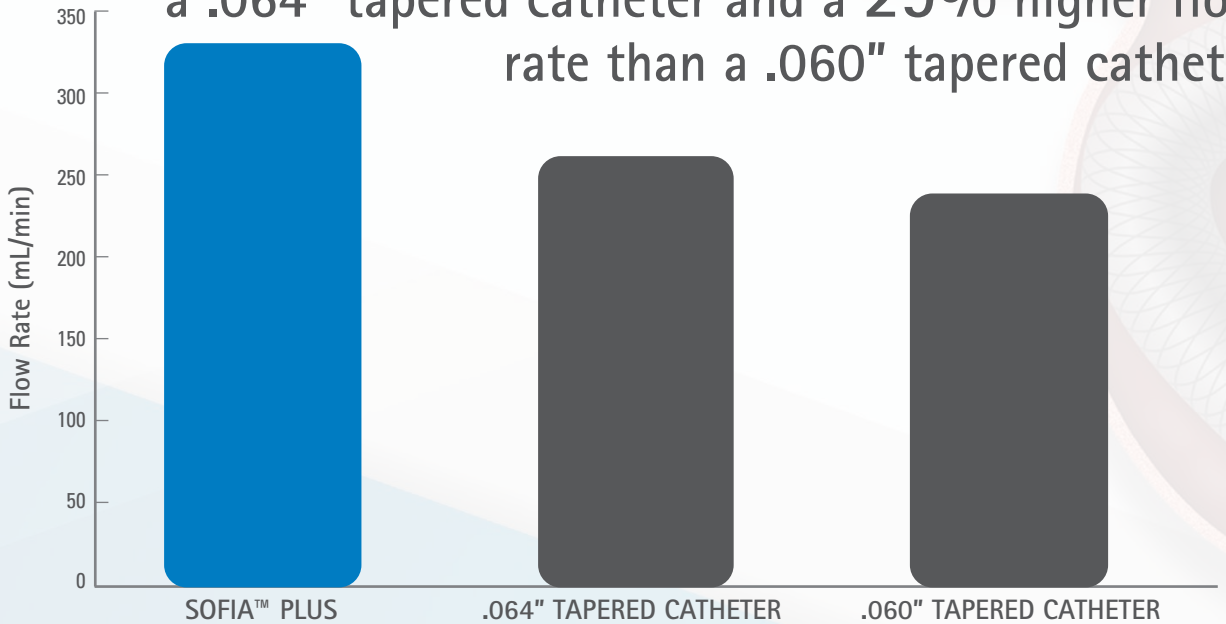
LARGER INNER LUMEN

SOFIA™ PLUS Catheter has a 31% larger lumen than a .060" tapered catheter and an 18% larger lumen than a .064" tapered catheter



MORE ASPIRATION POWER

SOFIA™ PLUS Catheter has a 23% higher flow rate than a .064" tapered catheter and a 29% higher flow rate than a .060" tapered catheter



*Data on file at MicroVention

and BETTER TRACKABILITY

Sofia™ PLUS

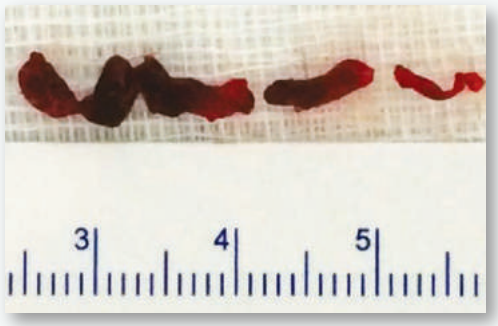
Soft torqueable catheter Optimized For Intracranial Access

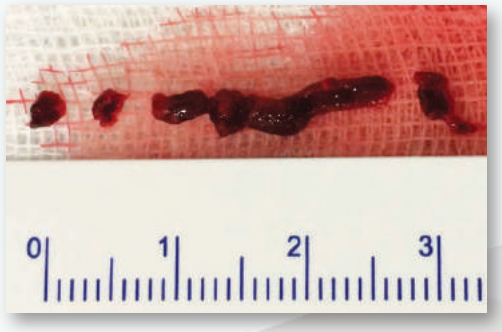
MORE ASPIRATION FORCE THAN A .064" TAPERED CATHETER

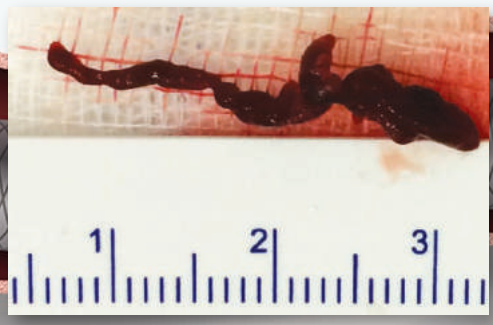
"For a given input pressure (p), the catheter with the largest tip internal diameter will therefore have the greatest tip force."

Force and aspiration analysis of the ADAPT technique in acute ischemic stroke treatment.
Hu, C., Stiefel, M., JNIS. 2015; 0: 1-3

A LARGER LUMEN CAPTURES LARGER CLOTS

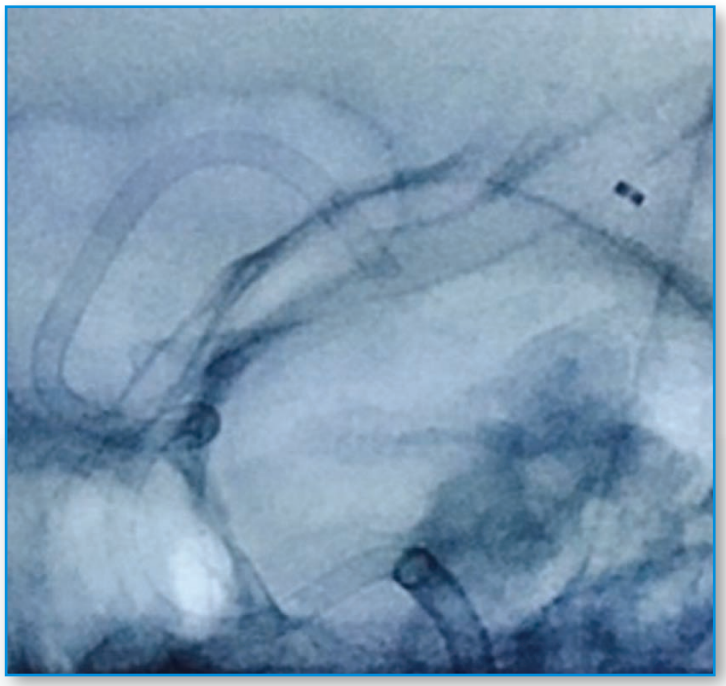






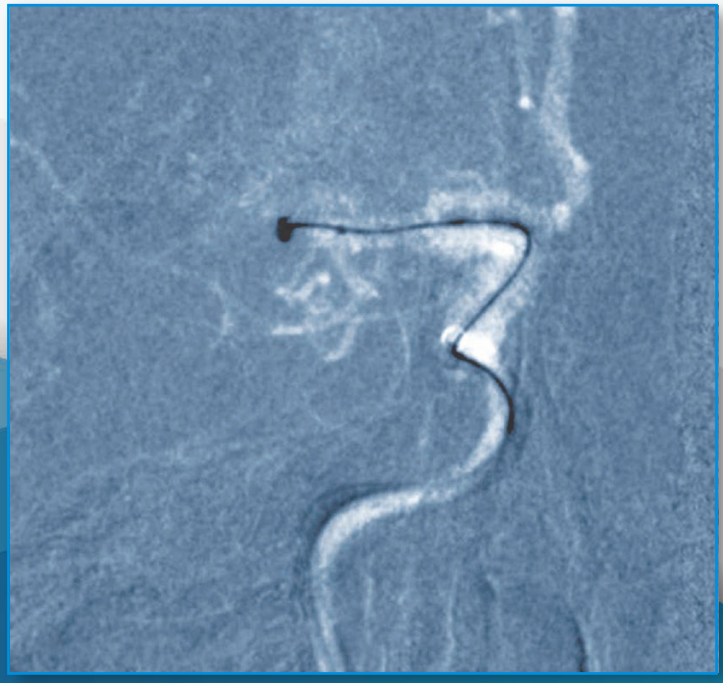
EXCELLENT NAVIGATION AND TRACKABILITY

SOFIA™ PLUS Catheter can track to the M2 segment.



Courtesy of Dr. Wenderoth,
Liverpool Hospital

SOFIA™ PLUS Catheter can track to M1 occlusions without crossing the clot with a guidewire or microcatheter.



Courtesy of Dr. Mohlenbruch,
Heidelberg University Hospital

TORQUEABILITY

Braid overlay provides excellent torque response to bypass difficult bifurcations

1:1 PUSHABILITY

Hybrid braid and coil reinforcement provides superior push response

KINK RESISTANCE

Track through tortuous distal bends without kinking

Sofia™ PLUS

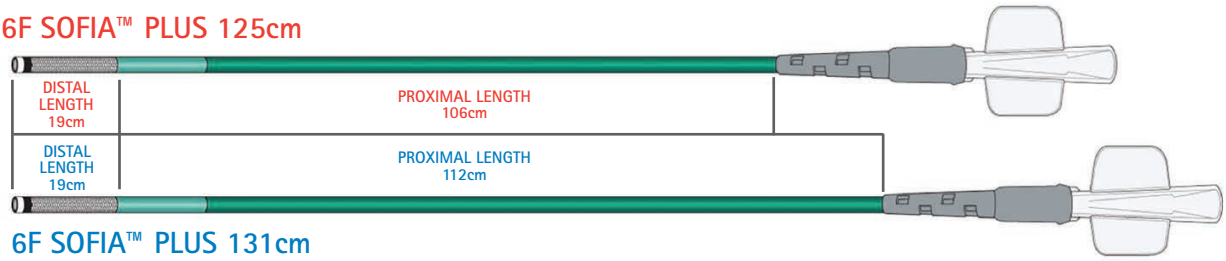
Soft torqueable catheter Optimized For Intracranial Access

Large inner diameter for improved aspiration power and enhanced softness for superior distal navigation

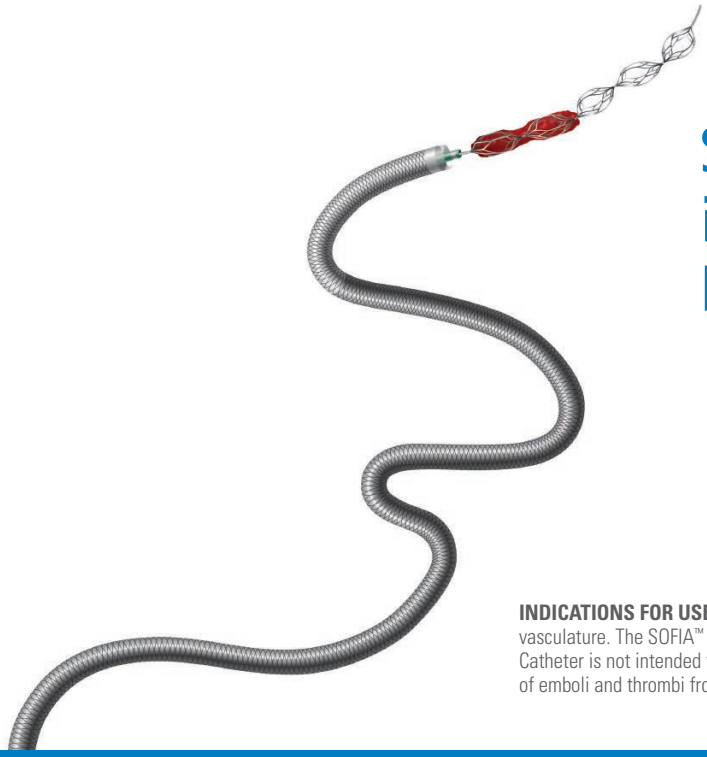
One unit per box, includes shaping mandrel and introducer sheath

PRODUCT CODE	CATHETER SIZE	PROXIMAL OD	DISTAL OD	ID	WORKING LENGTH	DISTAL LENGTH	PROXIMAL LENGTH	DISTAL TIP SHAPE
DA6125ST	6F	0.0825" / 2.1mm	0.0815" / 2.1mm	0.070"	125cm	19cm	106cm	Straight
DA6131ST	6F	0.0825" / 2.1mm	0.0815" / 2.1mm	0.070"	131cm	19cm	112cm	Straight

6F SOFIA™ PLUS 125cm



6F SOFIA™ PLUS 131cm



SOFIA™ PLUS Catheter is compatible with the ERIC® Retrieval Device

INDICATIONS FOR USE: The SOFIA™ Catheter is indicated for general intravascular use, including the neuro and peripheral vasculature. The SOFIA™ Catheter can be used to facilitate introduction of diagnostic or therapeutic agents. The SOFIA™ Catheter is not intended for use in coronary arteries. Moreover, the SOFIA™ Catheter is intended for use in removal/aspiration of emboli and thrombi from selected blood vessels in the arterial system, including the peripheral and neuro vasculatures.

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