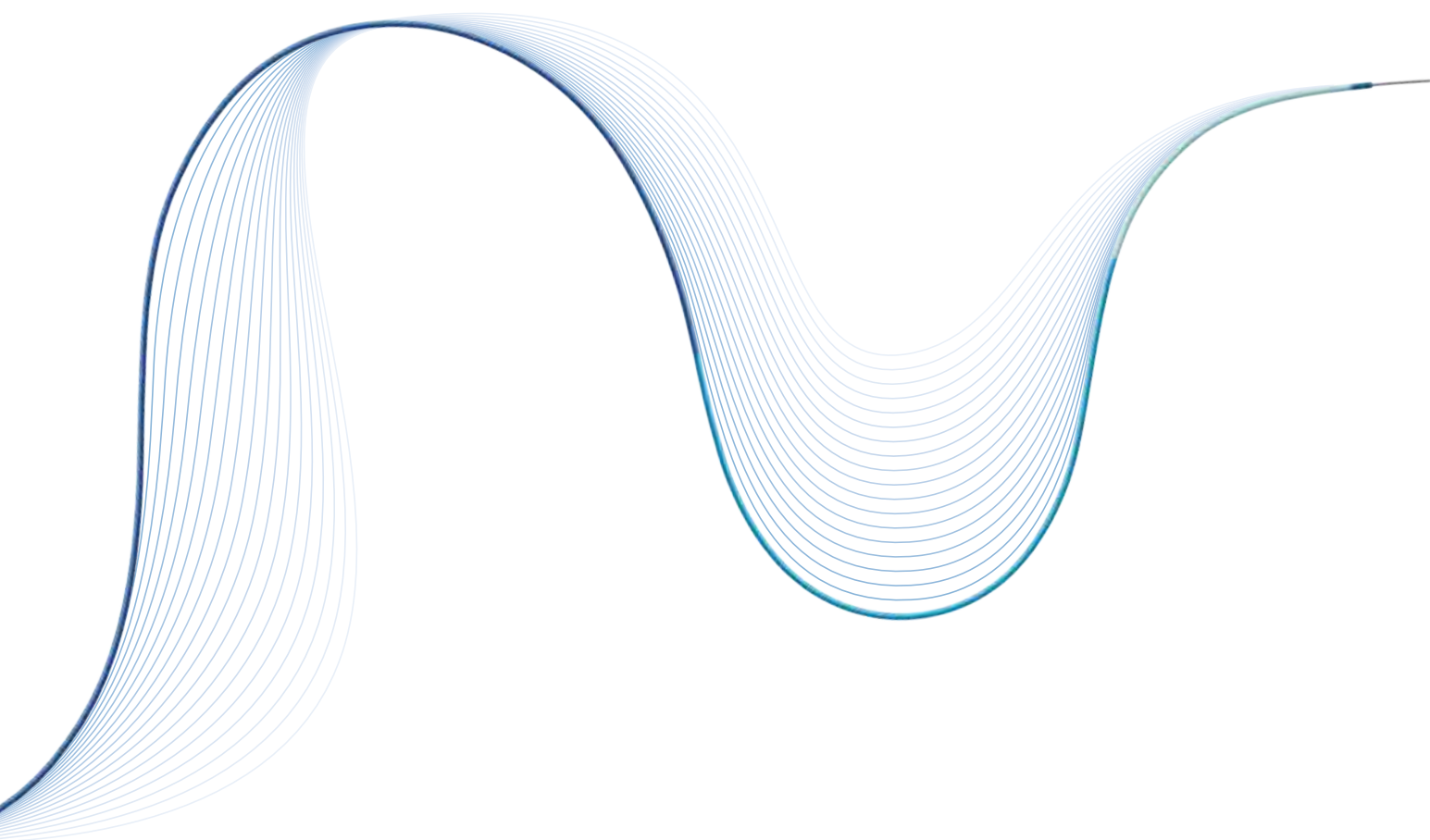


Vascular Intervention // Peripheral
Support Microcatheter

Carnelian[®] Support

Multiple solutions for lesion crossing



Extensive device selection
for a wide range of lesions



Lowest profile solution
for excellent crossability



Braided multi-segment shaft allowing
a balance of support and flexibility



BIOTRONIK
excellence for life

Carnelian Support

Multiple solutions for lesion crossing

Extensive device selection

The right tools for advanced crossing techniques

The Carnelian Support microcatheter portfolio provides five different models with segmented shaft and tip configurations designed to address the complexity of lesion crossing in peripheral interventions.¹

Carnelian Support 18 0.018" Multi-purpose tool

With its excellent trackability and support, Carnelian Support 18 is a flexible tool able to cross a wide range of lesion types.¹

Carnelian Support DP 0.014" Distal puncture and sheathless approach

Having a short tapered tip enables the Carnelian Support DP to be easily inserted, whilst also providing additional support and higher crossability through distal puncture (DP), even without a sheath.¹

Carnelian Support HD 0.014" Hard shaft (HD) for highly calcified lesions

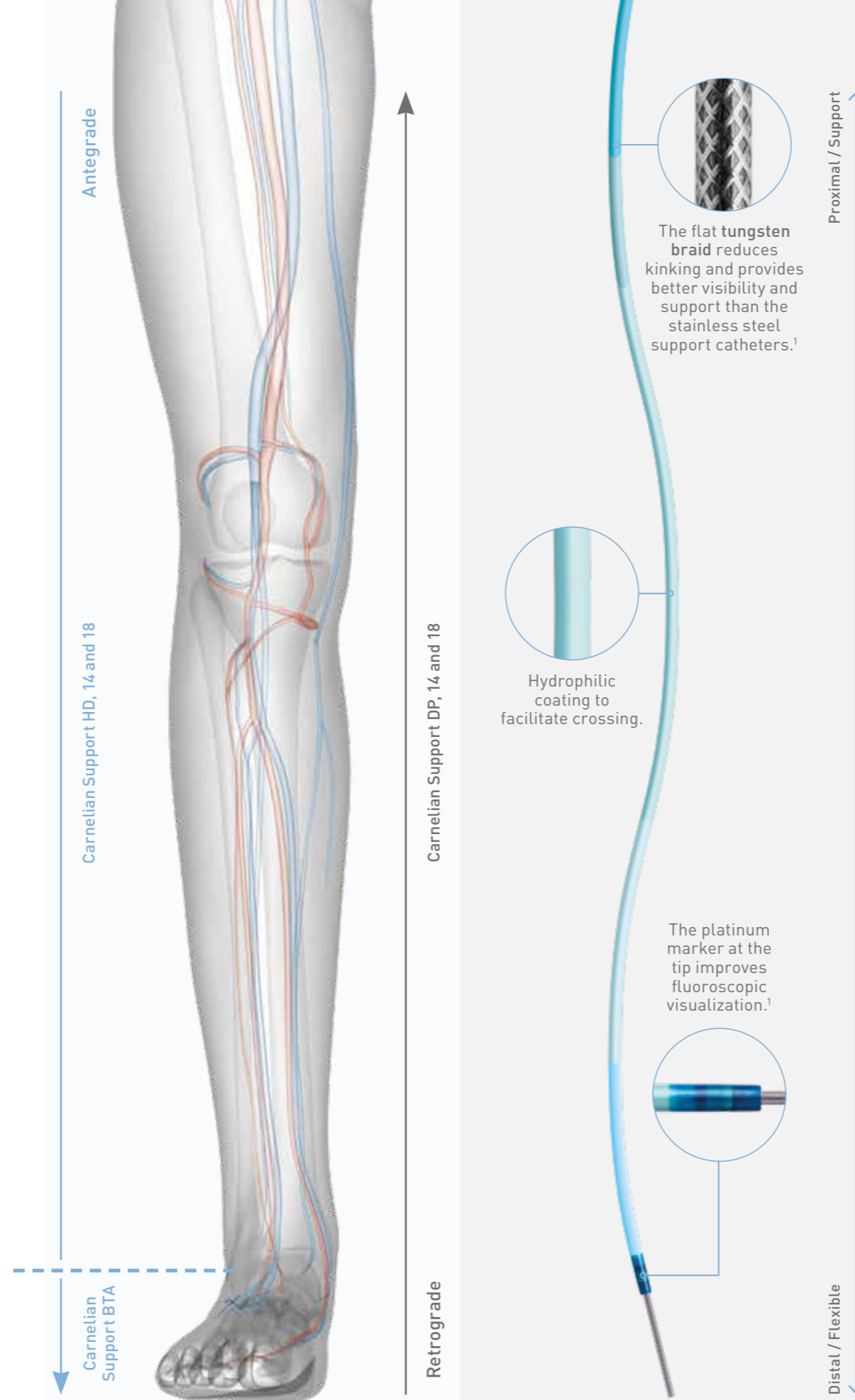
Designed specifically for highly calcified lesions, the Carnelian Support HD provides additional support.¹

Carnelian Support 14 0.014" High trackability for transcatheter crossing

Carnelian Support 14's balanced low profile shaft is designed to enable difficult transcatheter crossings in the lower limb.¹

Carnelian Support BTA 0.014" Designed for tortuous anatomies

The BTA model has the lowest profile of the range providing particularly high flexibility for lesions in the challenging below-the-ankle anatomy.¹



"The Carnelian Support Catheter enables new techniques to treat complex lesions, it is the right tool for the most challenging crossings, even in below-the-ankle arteries."

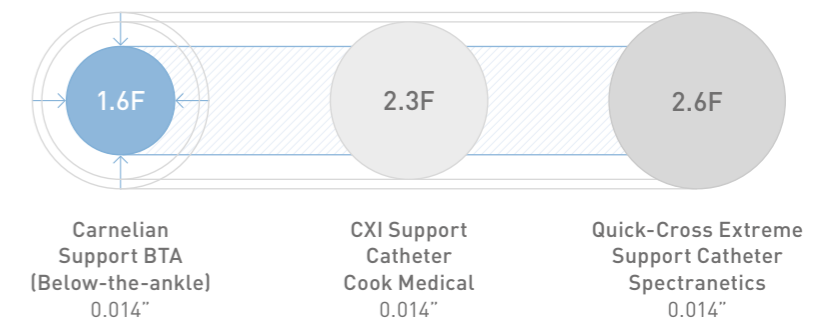
Dr. Marco Manzi, Policlinico Abano Terme, Italy.

Lowest profile² solution

Excellent crossability and trackability

The low profile of 1.8F or 1.6F³ is designed to facilitate trackability and navigation through tortuous anatomy. The flexible tip and the hydrophilic coating allow for advanced crossing techniques such as transcatheter retrograde approach.

Distal tip sizes of main competitors²:



Braided multi-segment shaft

Great flexibility and enhanced guidewire control

The multi-segment shaft design consists of 7 to 10 segments (depending on the model) providing variable levels of support and flexibility along the shaft length.¹

This design allows for a smooth transition from floppy (soft) distal tip to allow for trackability, to the stiffer proximal shaft to allow for additional push.

Stiffness



Carnelian Support

Indicated for the exchange and support of guidewires into peripheral vasculature*

Vascular
Intervention
Peripheral



Technical Data

Support Microcatheter

French size	Proximal: 2.6F Distal: 1.6 or 1.8F
Usable length	60, 70, 80, 90, 110, 135 and 150 cm
Shaft material	Tungsten braided shaft, PTFE liner
Coating	Hydrophilic, distal 40, 60, 80, 100 and 120 cm
Tip	Straight with platinum marker
Recommended guide catheter	0.035"

Ordering Information

	Guidewire	Usable length (cm)	Distal (F)	Proximal (F)	Hydrophilic coating (cm)	Catalogue number
Carnelian Support 18 0.018"	0.018"	70	1.8	2.6	40	445719
	0.018"	90	1.8	2.6	60	445720
	0.018"	135	1.8	2.6	100	445721
	0.018"	150	1.8	2.6	120	445722
Carnelian Support DP Distal puncture	0.014"	60	1.8	2.6	40	445716
	0.014"	80	1.8	2.6	60	445717 ^a
Carnelian Support HD Hard shaft	0.014"	90	1.8	2.6	60	445713
	0.014"	135	1.8	2.6	100	445714
	0.014"	150	1.8	2.6	120	445715
Carnelian Support 14 0.014"	0.014"	90	1.8	2.6	60	445710
	0.014"	110	1.8	2.6	80	445983 ^a
	0.014"	135	1.8	2.6	100	445711
	0.014"	150	1.8	2.6	120	445712
Carnelian Support BTA Below-the-ankle	0.014"	150	1.6	2.6	120	445718

^aAvailable on pre-order

*Excluding central circulatory system and neurovasculature; indicated as per IFU.

1. Tokai data on file; 2. For the Carnelian Support BTA compared to leading reinforced support catheters in the CE market; 3. Only for the Carnelian Support BTA.
HD = Hard; DP = Distal puncture; BTA = Below-the-ankle.

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Manufacturer:

Tokai Medical Products, Inc.
1485 Sarayashiki,
Taraga-cho,
Kasugai-city
Aichi 486-0808 Japan
Tel +81-568-81-7954
Fax +81-568-81-7785
wwb@tokaimedpro.co.jp
www.tokaimedpro.co.jp/en/

Distributor:

BIOTRONIK AG
Ackerstrasse 6
8180 Bülach, Switzerland
Tel +41 (0) 44 8645111
Fax +41 (0) 44 8645005
info.vi@biotronik.com
www.biotronik.com

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