ONE DEVICE
FOR ABOVE & BELOW THE KNEE

HawkOne™
Directional Atherectomy System

AVAILABLE IN 6F AND 7F SIZES!

Medtronic
Further, Together

TREAT
ALL MORPHOLOGIES

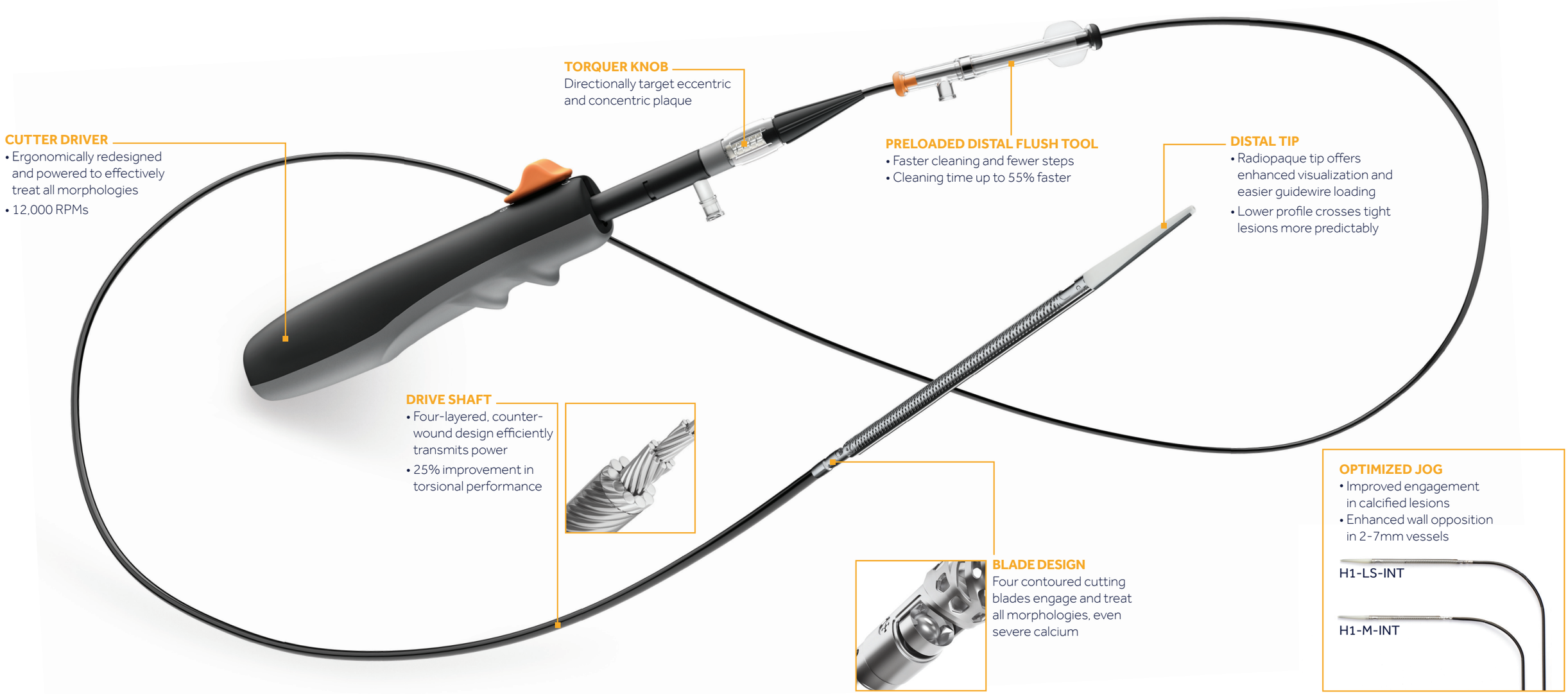
ENHANCED CUTTING

- Consistent and predictable cutting with no increase in cut depth
- Treat severely calcified lesions up to 2 times more effectively*

TREAT WITH
PROCEDURAL EFFICIENCY

REDUCED PROCEDURE TIME

- Simplified directional atherectomy selection with 6F and 7F HawkOne™ devices
- No capital equipment provides easy set up



CUTTER DRIVER
- Ergonomically redesigned and powered to effectively treat all morphologies
- 12,000 RPMs

TORQUER KNOB
Directionally target eccentric and concentric plaque

PRELOADED DISTAL FLUSH TOOL
- Faster cleaning and fewer steps
- Cleaning time up to 55% faster

DISTAL TIP
- Radiopaque tip offers enhanced visualization and easier guidewire loading
- Lower profile crosses tight lesions more predictably

DRIVE SHAFT
- Four-layered, counter-wound design efficiently transmits power
- 25% improvement in torsional performance

BLADE DESIGN
Four contoured cutting blades engage and treat all morphologies, even severe calcium

OPTIMIZED JOG
- Improved engagement in calcified lesions
- Enhanced wall opposition in 2-7mm vessels

H1-LS-INT

H1-M-INT

*Data on file.
Comparison and claims in reference to the TurboHawk™ High Efficiency Cutter.

VERSATILITY ABOVE & BELOW THE KNEE

The HawkOne™ platform offers optimized control and enhanced cutting to target and debulk all morphologies, making it ideal for gaining lumen, preparing the vessel or treating calcified lesions.

ATHERECTOMY SYSTEMS		Directional[1-5]	Orbital[6-8]	Laser[9-12]	Rotational[13-15]
Treatment Goal	Maximize Lumen Gain	■			
	Restore In-Line Flow	■	■	■	■
Lesion Morphology	Treat Severe Calcium	■	■		■
	Treat Soft-Moderate Plaque	■		■	■
Plaque Distribution	Target Eccentric Disease	■			
	Target Circumferential Disease	■	■	■	■

MOST VERSATILE

HawkOne™

Directional Atherectomy System

	Model name	Catalog number	Vessel diameter (mm)	Sheath compatibility (Fr)	Crossing profile (mm)	Working length[16]	Effective length[17]	Tip length (cm)	Max. cut length (mm)	Packing device
7F	LS	H1-LS-INT	3.5 – 7.0	7	2.6	114	107	6.6	50	■
	LX	H1-LX-INT	3.5 – 7.0	7	2.6	114	104	9.6	75	■
6F	M	H1-M-INT	3.0 – 7.0	6	2.2	135	129	5.9	40	■
	S	H1-S-INT	2.0 – 4.0	6	2.2	151	145	5.9	40	■

Max guidewire is 0.014" for HawkOne™ devices.
Cutter driver H1-14550 needs to be ordered with each HawkOne™ device.

[1] Aboufakher R, Torey J, Szpunar S., et al. Peripheral Plaque Volume Changes Pre- and Post-Rotational Atherectomy followed by Directional Plaque Excision: Assessment by Intravascular Ultrasound and Virtual Histology. J Invasive Cardiol 2009; Vol 21, 10:501-510. [2] McKinsey J, Zellar T, Rocha-Singh K, et al. Lower Extremity Revascularization Using Directional Atherectomy: 12-Month Prospective Results of the DEFINITIVE LE Study, JACC Cardiovasc Interv 7 (2014) pp. 923-933, 10.1016/j.jcin.2014.05.006. [3] Roberts D, et al. Effective Endovascular Treatment of Calcified Femoropopliteal Disease with Directional Atherectomy and Distal Embolic Protection: Final Results of the DEFINITIVE Ca++ Trial. Catheter Cardiovasc Interv. 2014 Aug 1:84 (2):236-44. [4] Bench data on file. [5] See Instructions for Use. [6] Das T, et al. Technique Optimization of Orbital Atherectomy in Calcified Peripheral Lesions of the Lower Extremities, The CONFIRM series, CCI Volume 83, Issue 1, pg 115-122. Jan 2014; See Aboufakher. J Invasive Cardiol reference. [7] Safian R, et al. Orbital Atherectomy for Infrapopliteal Disease: Device Concept and Outcome Data for the Oasis Trial, CCI, 73:406-412 (2009). [8] Stealth 360° Orbital Atherectomy System IFU. [9] Marketing materials, Turbo-Tandem product brochure. [10] Dave R. Excimer Laser Recanalization of Femoropopliteal Lesions and 1 Year Patency: Results of the CELLO Registry, J Endovasc Ther, 2009; 16:665-675. [11] Marketing materials, http://whereisthe-calcium.com. [12] Turbo-Elite Laser Atherectomy Catheter IFU. [13] Maehara A, et al. JETSTREAM Atherectomy System can remove superficial calcium in severely calcified peripheral arteries. Abstract Poster, ISET Jan 2013. [14] Zeller, T., et al. (2009). One-year outcome of percutaneous rotational atherectomy with aspiration in infrainguinal peripheral arterial occlusive disease: the multicenter pathway PVD Trial. J Endovasc Ther 16(6): 653-662. [15] Marketing materials, Jetstream product brochure. [16] HawkOne Working Length – Distal end of pre-loaded flush tool, in the proximal position, to the distal end of tip. [17] HawkOne Effective Length – Distal end of pre-loaded flush tool, in the proximal position, to the proximal end of cutter window.

Indications, contraindications, warnings, and instructions for use can be found in the product labeling supplied with each device.

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