

REVOEDGE™

High Pressure Cutting Balloon



RBP up to 20atm

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Broad Size Matrix

Unique 1.5mm balloon diameter available

Balloon Diameter	Balloon Length			NP(atm)	RBP(atm)	Guide Catheter Compatibility
	10mm	15mm	20mm			
1.50mm	39-1510	39-1515	39-1520	10	20	
1.75mm	39-1710	39-1715	39-1720	10	20	
2.00mm	39-2010	39-2015	39-2020	10	20	
2.25mm	39-2210	39-2215	39-2220	10	20	5F
2.50mm	39-2510	39-2515	39-2520	10	20	
2.75mm	39-2710	39-2715	39-2720	10	20	
3.00mm	39-3010	39-3015	39-3020	10	20	
3.25mm	39-3210	39-3215	39-3220	10	20	
3.50mm	39-3510	39-3515	39-3520	10	20	6F
4.00mm	39-4010	39-4015	39-4020	10	20	

Technical Specification

Balloon Diameter(mm)	1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.25, 3.5, 4.0
Balloon Length(mm)	10, 15, 20
Nominal Pressure	10atm
Rated Burst Pressure	20atm
Compliance	Non-compliant
Balloon Pleats	3
Height of Cutting Elements	0.21mm
Proximal Shaft OD	2.0F
Distal Shaft OD	2.4F(φ 1.5mm-3.0mm); 2.52F(φ 3.25-4.0mm)
Working Length	140cm
Guidewire Compatibility	Max 0.014"
Guide Catheter Compatibility	5F(φ 1.5mm-3.0mm); 6F(φ 3.25-4.0mm)
Coating	Advanced hydrophilic coating (outer surface from tip to Rx) Silicone coating (inner guidewire lumen)

For additional information, or to order this product, please call us on **01844 340 620**, or email info@aprmedtech.com

Manufactured by:



www.brosmed.com

Supplied exclusively in the UK by:



aprmedtech.com

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Super elastic nitinol cutting elements



- Single-piece moulded cutting elements provide a strong cutting capability with superior crossability to ensure optimal plaque remodelling
- Super elastic **nitinol** offers greater strength with reduced bending stress, minimising irreversible deformation and delivering a focused cutting force

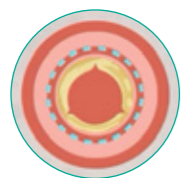
Microcrystalline balloon technology with dual-layer balloon material

A thin but robust material enhances crossability to facilitate lesion access

Non-compliant 20atm RBP

Consistent and predictable high pressure dilation of calcified or fibrotic lesions

Broad size range to treat a variety of challenging lesions



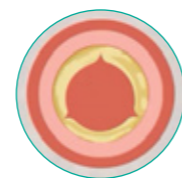
In-stent restenosis



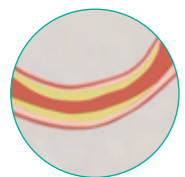
Ostial and bifurcation lesions



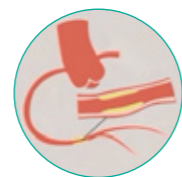
Calcified lesions



Fibrotic lesions



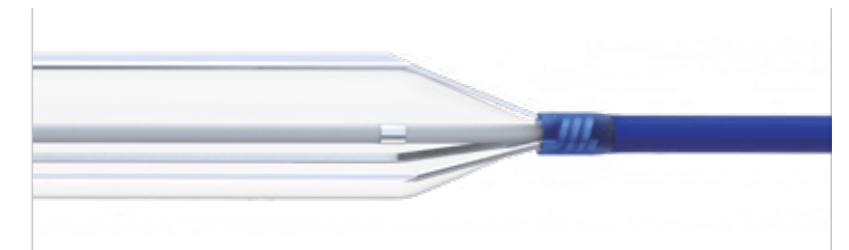
Diffused tortuous long lesions
Including angulated lesions $\geq 45^\circ$



Small vessel lesions
Unique 1.5mm balloon diameter

Ultra-low 0.017" tip entry profile with cutting elements fixed at both ends

Cutting elements are securely fixed without glue, offering excellent guidewire trackability and avoidance of the fish-mouth effect

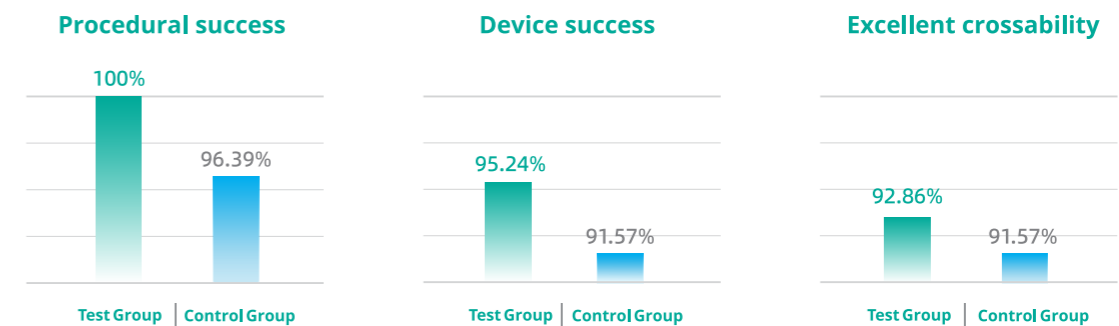


Smooth shoulder transition

For enhanced crossability and safety

Safe and reliable plaque modification

- Trial design: A prospective, multi-centre, randomised, controlled, non-inferiority clinical trial. N=168*
- Test Group: RevoEdge™, Control Group: W Cutting Balloon



* Procedural success rate: no balloon-related vascular perforation occurred during balloon dilatation (PTCA), no grade C or higher flow-limiting dissection, and no reduction in TIMI blood flow compared with preoperative levels.
 * Device success rate: complete delivery, inflation and expansion, pressure withdrawal, and withdrawal successfully during balloon dilatation of stenotic lesions, and the residual stenosis immediately after balloon dilatation is $\leq 50\%$.
 * Excellent crossability rate: smoothly crossing through normal lesions without obstruction and demonstrating better conformity to the blood vessels when navigating through complex lesions.