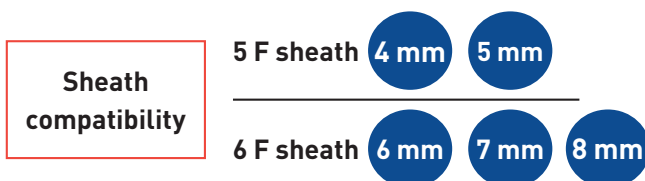
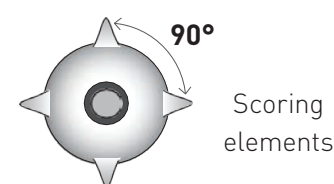
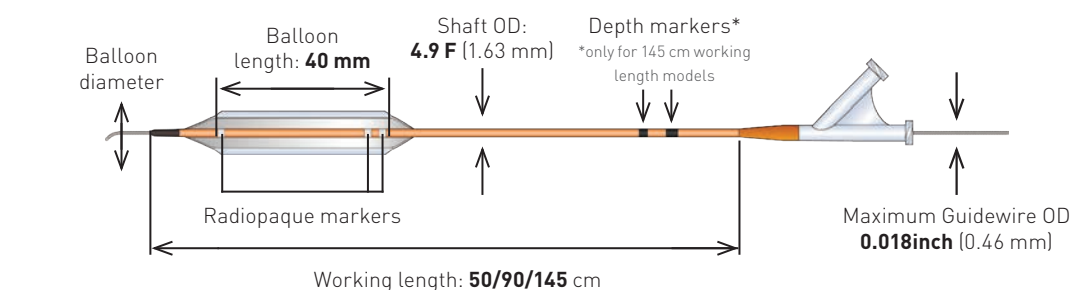


## SPECIFICATIONS



## ORDERING INFORMATION

Model no.	Balloon diameter	Min. introducer sheath	Working length	Balloon length	Shaft OD
AA18-05040040	4.0 mm	5 F	50 cm	40 mm	4.9 F (1.63 mm)
AA18-05050040	5.0 mm				
AA18-05060040	6.0 mm				
AA18-05070040	7.0 mm				
AA18-05080040	8.0 mm	6 F	90 cm		
AW18-09040040	4.0 mm				
AW18-09050040	5.0 mm				
AW18-09060040	6.0 mm				
AW18-09070040	7.0 mm	6 F	145 cm		
AW18-09080040	8.0 mm				
AW18-14540040	4.0 mm	5 F		145 cm	
AW18-14550040	5.0 mm				
AW18-14560040	6.0 mm				
AW18-14570040	7.0 mm	6 F			
AW18-14580040	8.0 mm				

## The Nipro Commitment

An estimated 1 million\* peripheral interventions procedures are performed each year in the United States, making it critical that interventional devices deliver predictable, safe, and effective luminal expansion to restore blood flow.

Nipro is committed to supporting coronary and peripheral vascular intervention to safely and effectively treat obstructions using innovations that have a measurable clinical impact in the lives of vulnerable patients.

\* Market Insights Peripheral Vascular Devices, Clarivate, 2021

**Caution:** Federal law (USA) restricts device to sale by or on the order of a physician.

**Indication:** The Aperta NSE PTA Balloon Dilatation Catheter is indicated for percutaneous transluminal angioplasty (PTA) of lesions in peripheral arteries, including iliac, femoral, ilio-femoral, popliteal, and infra-popliteal arteries, and for the treatment of obstructive lesions of native or synthetic arteriovenous dialysis fistulae. This device is also indicated for treatment of in-stent stenosis of balloon expandable and self-expanding stents in the peripheral vasculature. This device is not for use in the coronary or neuro-vasculature including carotid arteries.



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# CRACK THE CODE FOR VESSEL PREPARATION



## APERTA NSE™ PTA

BALLOON DILATATION CATHETER





The **Aperta NSE PTA Scoring balloon** introduces a proprietary design that provides focal force along four triangular scoring elements, evenly distributed to crack and modify calcified lesions.

The equally distributed elements of Aperta NSE PTA reduces complication rates associated with ballooning (dissection) and can be helpful in lesions traditionally difficult to achieve good vessel expansion.

PTA GW	Aperta NSE PTA	Peripheral CB	Angiosculpt	Ultrascore
	Nylon	Stainless	Nitinol	Stainless
0.36 mm 0.014"	0.39 mm 0.015" # of elements 4	0.33 mm 0.013" # of elements 4	0.18 mm 0.007" # of elements 4	0.25 mm 0.010" # of elements 2



### REDUCED COMPLICATIONS

The low compliance balloon and integrated scoring elements **reduce the risk of uncontrolled dissections.**



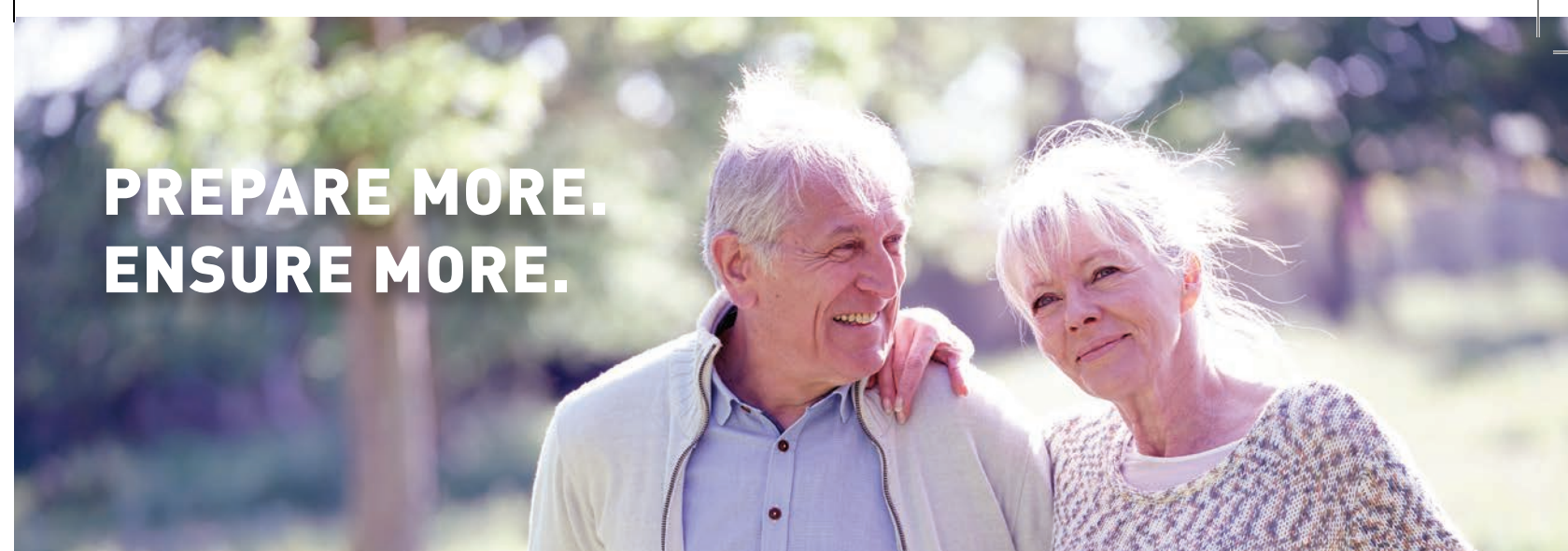
### HIGHER EFFICACY

Unique and balanced scoring elements **allow additional force to be delivered to lesions without over expansion.**



### SMOOTH DELIVERABILITY

Improved deliverability with a small entry profile and improved pushability **enhances procedural success.**



**PREPARE MORE.  
ENSURE MORE.**

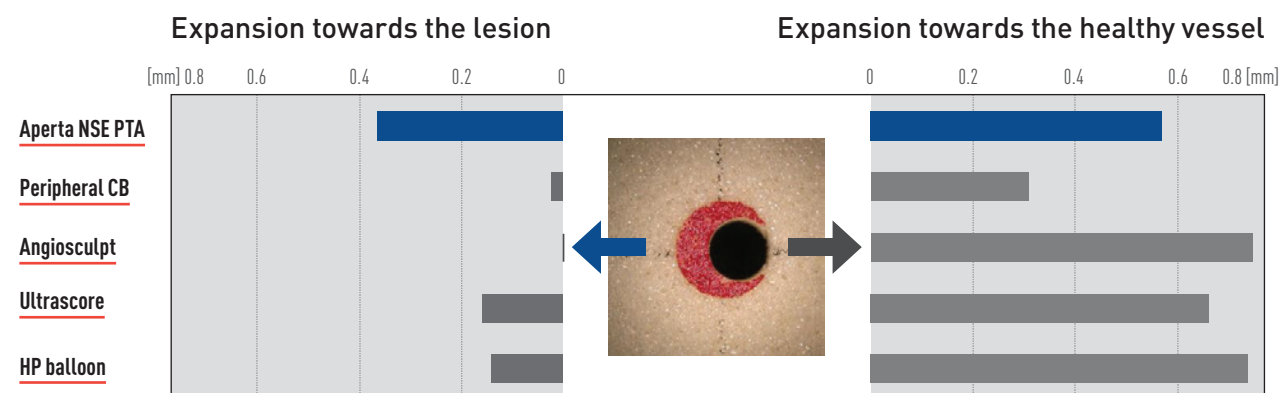
**Aperta NSE PTA is carefully engineered to disrupt calcified lesions while simultaneously protecting the integrity of the vessel. The uniquely designed triangular scoring elements deliver focal force for more predictable luminal expansion and lower rates of uncontrolled dissections.**

### REDUCED COMPLICATIONS

- **The single-piece design** ensures that the scoring elements cannot dislodge from the balloon, potentially reducing risk for the patient.
- **Low compliance and minimal elongation** of the balloon may help prevent overexpansion and dissection at the lesion site.

### HIGHER EFFICACY

- **Self-anchoring effect** allows the physician to crack non-concentric calcified lesions, giving a higher scoring success rate.
- **Unique scoring element shape** creates points of focal force to increase success of scoring attempt at a lower pressure.
- **Gripping effect** prevents slippage, allowing the four integrated elements to maintain the center position by gripping into and cracking the calcified component, even in tortuous lesions.
- **High-rated burst pressure** allows the delivery of additional uniform force without distending the balloon.



Data on file Method: Inflation pressure is increased to RBP (Rated Burst Pressure), continuing until a crack is confirmed. Data on file demonstrates that the Aperta PTA balloon expands towards the lesion, resulting in luminal gain.

### SMOOTH DELIVERABILITY

- **4.9 F shaft** enables improved pushability in tight lesions enhancing procedural success.