

PERIPHERAL



VASCULAR



Cronus[®] HP

PTA Balloon Catheter



www.nipro.com

Cronus[®] HP

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High pressure achieved. Flexibility maintained.

The Cronus[®] HP PTA balloon catheter offers the strength of a non-compliant balloon with the flexibility of a semi-compliant balloon to help overcome common limitations in the treatment of AVF complications.

Strong enough to undergo repeated inflations, Cronus[®] HP offers flexibility and durability at high pressures while minimizing balloon dog-boning, allowing you to handle even the most resilient stenoses as it conforms to the vasculature of the fistula.

The strength of a non-compliant, high-pressure balloon

- HP (High Pressure) PTA (Percutaneous Transluminal Angioplasty) balloon catheter for **delivering high-pressure dilatation** during angioplasty
- **Durable enough to withstand repeated inflations**, even for the most resilient strictures and stenoses¹
- **Rated Burst Pressure (RBP) ranges from 22-30 atm**, which aids interventionist in the use of only one balloon during a procedure

The flexibility of a semi-compliant balloon

- **Graduated growth balloon angioplasty** allows easy access to the lesion and minimizes vessel damage²
- **Shaft flexibility** engineered to allow the catheter to closely follow the curvature of the guidewire
- **Conforms to natural vasculature under high pressures**, particularly juxta-anastomosis, where most early fistula failures occur³
- **Over-the-wire (OTW) catheter** designed to provide added pushability and crossability, even in juxta-anastomotic stenoses



Pre-installed re-folding tool helps interventionists refold and reinsert the balloon through the introducer sheath several times and with greater ease

STRENGTH AND FLEXIBILITY IN YOUR EVERYDAY

Make Cronus[®] your go-to choice for graduated control angioplasty using a single balloon.

1. Data on file

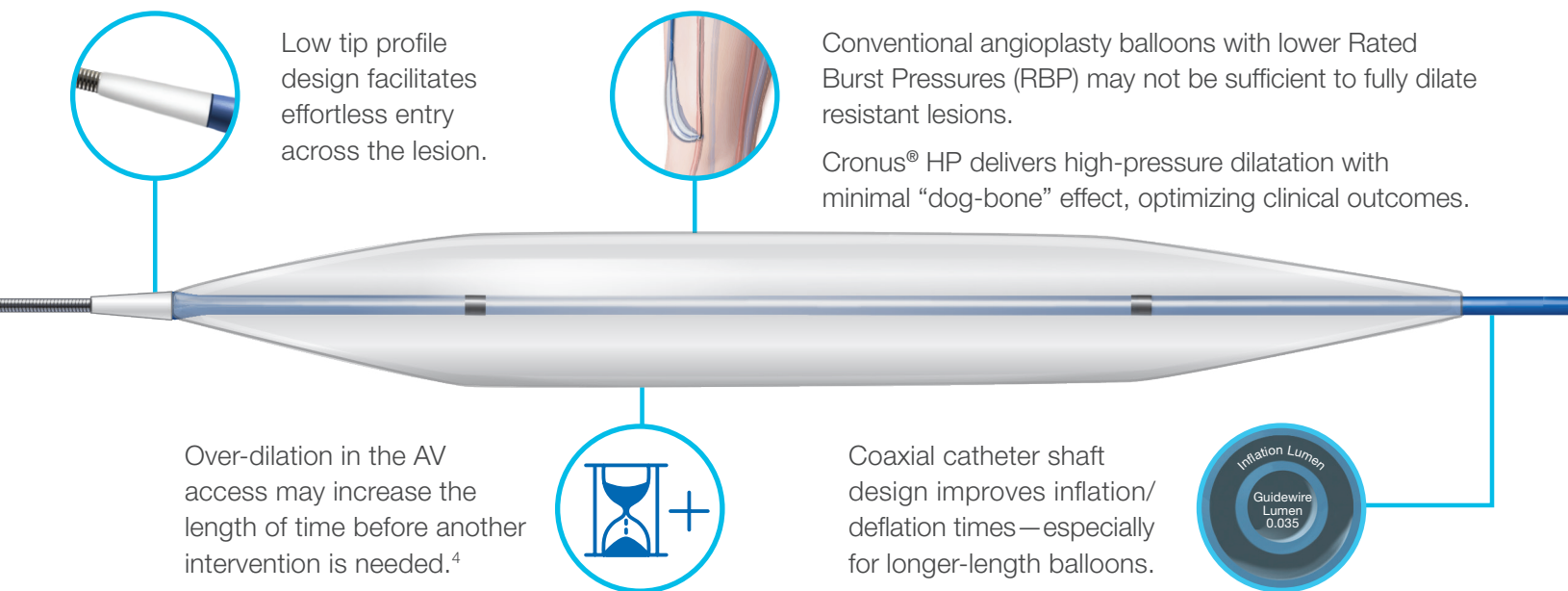
2. Holzapfel G.A. et al. OLZAPFEL A Layer-Specific Three-Dimensional Model for the Simulation of Balloon Angioplasty using Magnetic Resonance Imaging and Mechanical Testing. Annals of Biomedical Engineering, Apr 2002 Vol. 30, Pages 753-767

3. Asif, Arif, et al. "Early Arteriovenous Fistula Failure: A Logical Proposal for When and How to Intervene." Clinical Journal of the American Society of Nephrology, vol. 1, no. 2, 2005, pp. 332-39.

4. Roubin, G. et al. "Influence of balloon size on initial success, acute complications, and restenosis after percutaneous transluminal coronary angioplasty. A prospective randomized study." Circulation 78 3 (1988): 557-65.

SHEATH COMPATIBILITY

BALLOON DIAMETER	BALLOON LENGTH				
	20 mm	30 mm	40 mm	60 mm	80 mm
4 mm	6F	6F	6F	6F	6F
5 mm	6F	6F	6F	6F	6F
6 mm	6F	6F	6F	6F	6F
7 mm	6F	6F	6F	6F	6F
8 mm	6F	6F	6F	6F	6F
9 mm	7F	7F	7F	7F	-
10 mm	7F	7F	7F	7F	-



ORDERING INFORMATION

STANDARD ORDER								
CATHETER LENGTH	BALLOON LENGTH	BALLOON DIAMETER						
		4 mm	5 mm	6 mm	7 mm	8 mm	9 mm	10 mm
80 cm	20 mm	NHP+42080	NHP+52080	NHP+62080	NHP+72080	NHP+82080	NHP+92080	NHP+102080
	30 mm	NHP+43080	NHP+53080	NHP+63080	NHP+73080	NHP+83080	NHP+93080	NHP+103080
	40 mm	NHP+44080	NHP+54080	NHP+64080	NHP+74080	NHP+84080	NHP+94080	NHP+ 104080
	60 mm	NHP+46080	NHP+56080	NHP+66080	NHP+76080	NHP+86080	NHP+96080	NHP+106080
	80 mm	NHP+48080	NHP+58080	NHP+68080	NHP+78080	NHP+88080	-	-
SPECIAL ORDER								
45 cm	20 mm	NHP+42045	NHP+52045	NHP+62045	NHP+72045	NHP+82045	NHP+92045	NHP+ 102045
	30 mm	NHP+43045	NHP+53045	NHP+63045	NHP+73045	NHP+83045	NHP+93045	NHP+ 103045
	40 mm	NHP+44045	NHP+54045	NHP+64045	NHP+74045	NHP+84045	NHP+94045	NHP+ 104045
	60 mm	NHP+46045	NHP+56045	NHP+66045	NHP+76045	NHP+86045	NHP+96045	NHP+ 106045
	80 mm	NHP+48045	NHP+58045	NHP+68045	NHP+78045	NHP+88045	-	-

CAUTION: Federal law restricts these devices to sale by or on the order of a physician.

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YOUR LINK BETWEEN PATIENT AND CARE

Nipro Medical Corporation is a subsidiary of Nipro Corporation Japan, established in 1954 and a world-leader in healthcare with over 30,000 employees around the globe. We are committed to delivering innovative, high quality solutions in the form of renal, medical-surgical, and vascular products. This fundamental objective drives us to develop cutting-edge, value-added products for healthcare professionals that are safe, effective, and easy to use.

As an integral part of a vast global manufacturing network, Nipro Medical Corporation's North America division is responsible for managing the sales, marketing, and business operations of the United States and Canada – unified in our commitment to improving patient care and quality of life.



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