

**SUPER-HIGH PRESSURE PTCA
DILATATION CATHETER**



OPN NC

ESTABLISHED EFFICACY IN ISR AND COMPLEX PCI



Ameliorates the Treatment of In-Stent Restenosis



**Optimizes Lesion Preparation
Before Subsequent Treatment**



**Improves Expansion of
(Underexpanded) Stents**

TWIN-WALL balloon design

Unique balloon-in-balloon technology to withstand super-high pressure
Provides uniform balloon expansion and super-high pressure resistance



Super-High Pressure

RBP 35 atm

35 atm

Folding technology

Tight trifold in all balloon diameters

Tip

Unique tip design facilitates navigation

Markers

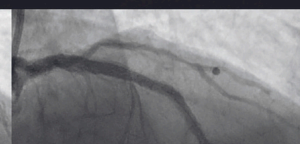
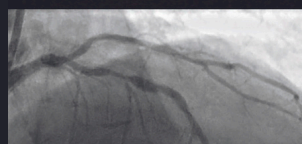
Dual Pt/Ir markers for all balloon sizes

**Included in
recommendations
for the management of:**

**In-stent Restenosis^{1,2}
Coronary Calcified Lesion³**

Before OPN NC

After OPN NC

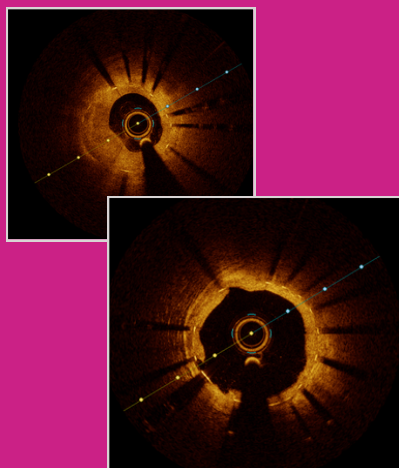




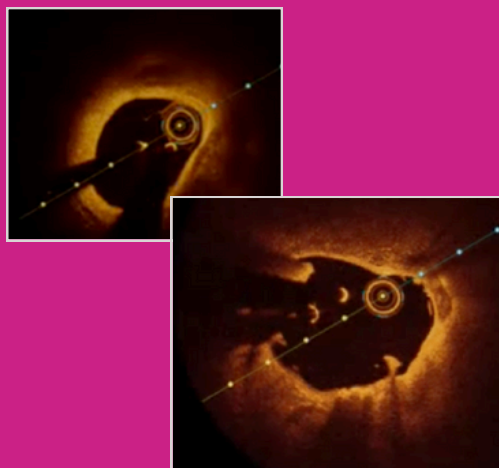
IVI-GUIDED PCI IMPROVED CLINICAL OUTCOMES MORE THAN ANGIOGRAPHY-GUIDED PCI⁴

Before OPN NC / After OPN NC

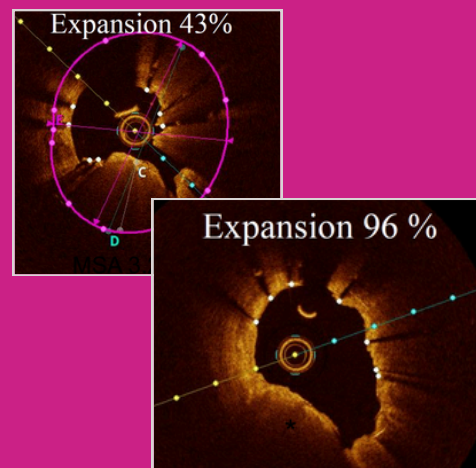
IN-STENT RESTENOSIS:



SEVERELY CALCIFIED LESIONS:



UNDEREXPANDED STENTS:



Technical specifications

Nominal Pressure	10 atm
Rated Burst Pressure (RBP)*	35 atm
Guide Wire Compatibility	0.014" (0.36 mm)
Marker position	Dual Pt/Ir markers
Catheter Usable Length	140 cm
Catheter Coating	Hydrophobic

*Do not exceed RBP

Art. Number	Balloon Diameter mm	Balloon Length mm	Min. Guiding Catheter
150-010-004	1.5	10	6F
150-015-004	1.5	15	6F
150-020-004	1.5	20	6F
200-010-004	2.0	10	6F
200-015-004	2.0	15	6F
200-020-004	2.0	20	6F
250-010-004	2.5	10	6F
250-015-004	2.5	15	6F
250-020-004	2.5	20	6F
300-010-004	3.0	10	6F
300-015-004	3.0	15	6F
300-020-004	3.0	20	6F
350-010-004	3.5	10	6F
350-015-004	3.5	15	6F
350-020-004	3.5	20	6F
400-010-004	4.0	10	7F
400-015-004	4.0	15	7F
400-020-004	4.0	20	7F
450-010-004	4.5	10	7F
450-015-004	4.5	15	7F
450-020-004	4.5	20	7F

Accessories

Inflation Device	High - pressure Inflation device at least 35 atm
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4. RENOVATE-COMPLEX-PCI Investigators. Intravascular Imaging-Guided Percutaneous Coronary Intervention Before and After Standardized Optimization Protocols. Kwon W, et al; JACC Cardiovasc Interv.