



Patient history



Procedure description



Final clinical results



Technical data /
ordering info

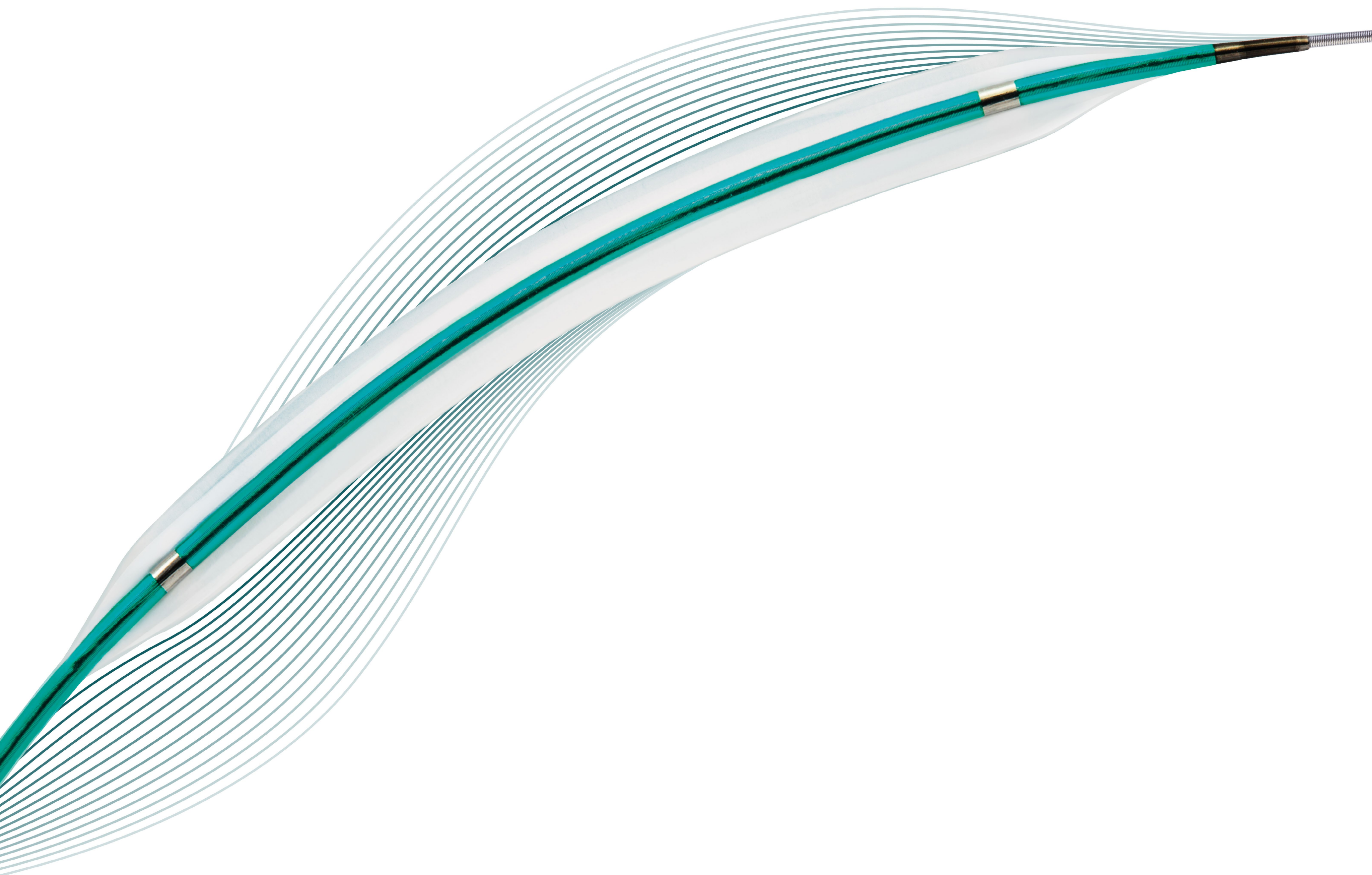


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Vascular Intervention // Pantera Pro
Covered Coronary Stent System

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Case Report



Case report

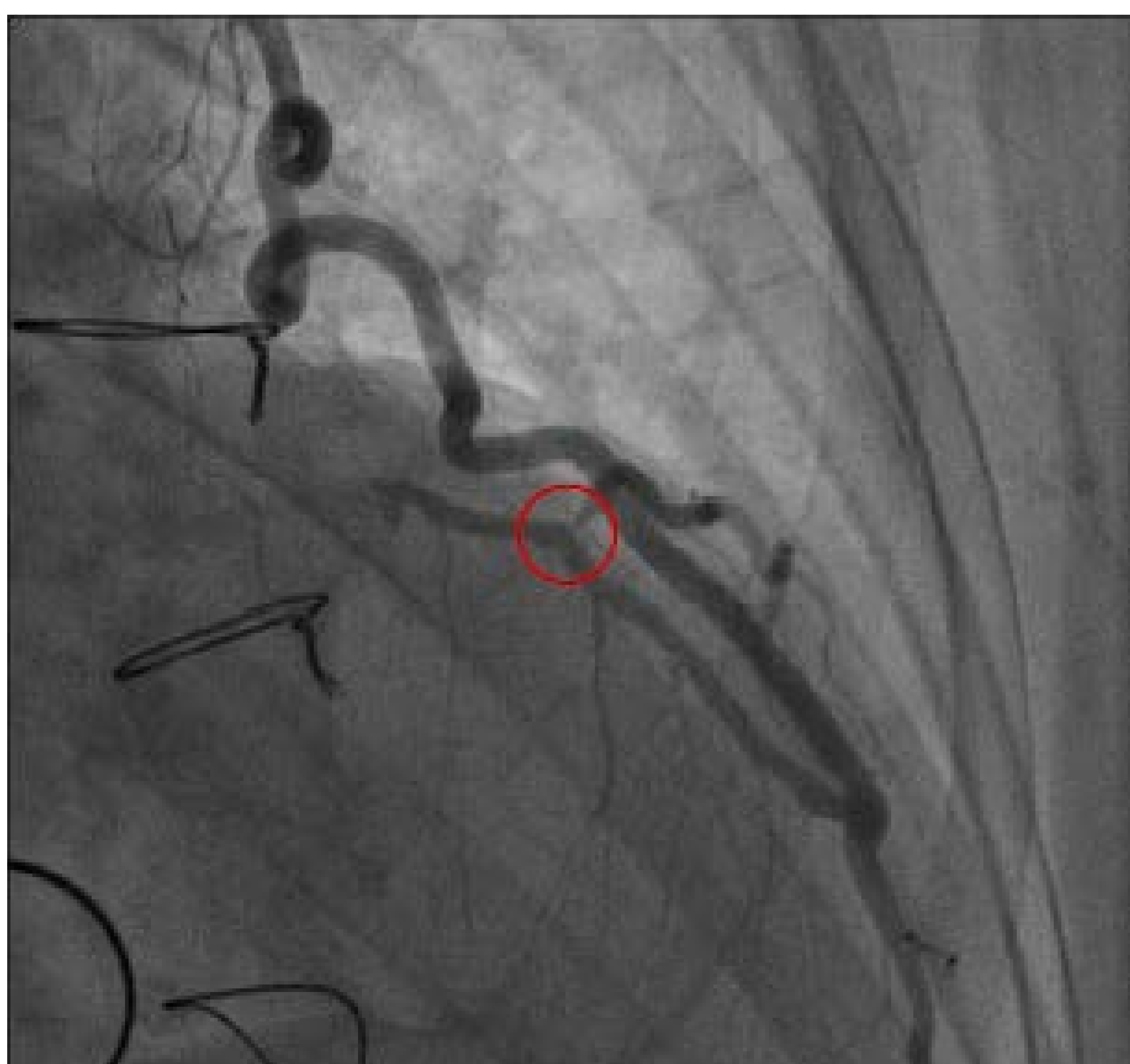
Treatment of an ostial diagonal stenosis with **Pantera® Pro**, accessed via a LIMA graft and retrograde navigation in LAD

Author

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1. Patient history

Symptomatic patient with a tortuous LIMA graft and an occluded proximal LAD presented with a 95% ostial de novo stenosis of the first diagonal branch with a corresponding antero-lateral ischemia (Stress-IRM). This focal complex lesion had a reference vessel diameter of 2.5 mm.



Pre intervention: Ostial stenosis in diagonal branch

2. Procedure description

Dilatation with 1.5 mm **Pantera Pro**

The LIMA graft was accessed by a left radial approach. After wiring the diagonal branch, the 1.5/10 Pantera Pro balloon (single marker) was successfully navigated up the LAD and positioned at the ostium of the diagonal branch.



Positioning of 1.5mm **Pantera Pro** in ostial lesion

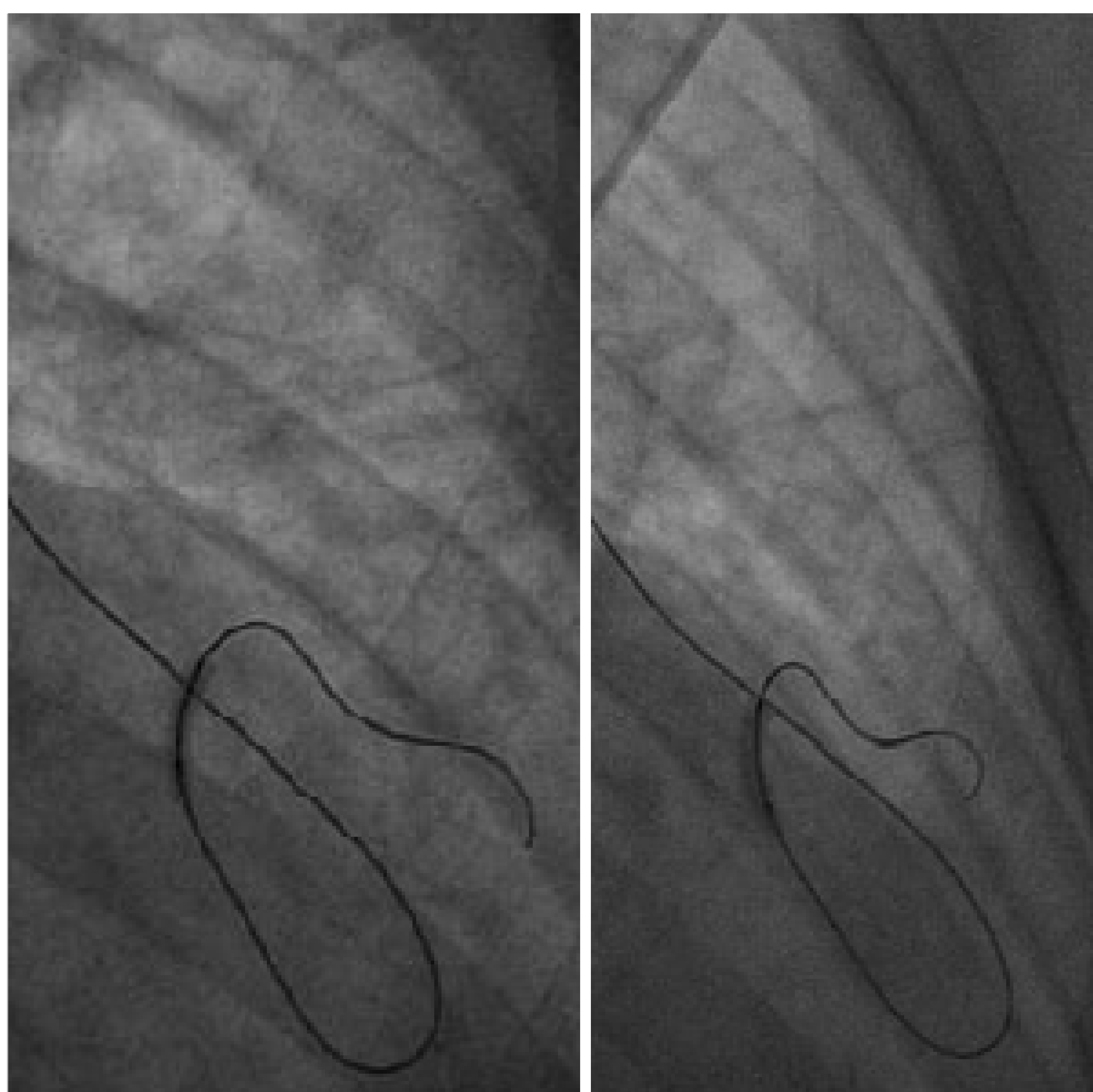
Case report

Treatment of an ostial diagonal stenosis with **Pantera Pro**, accessed via a LIMA graft and retrograde navigation in LAD

2. Procedure description

Additional dilatation with larger balloons

After successful dilatation with the first balloon, the lesion was then effectively treated with larger 2.0/10 and 2.5/10 **Pantera Pro** balloons.



Subsequent dilatation with 2.0 and 2.5 mm **Pantera Pro**

3. Final results and conclusion

The final control angiogram showed a nice result with improved distal flow.

This case nicely demonstrates the use of a low profile and flexible small size balloon to access and gradually dilate a tight stenosis via a challenging access path.

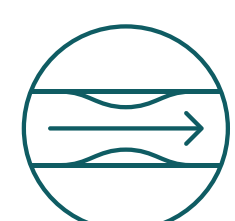


Final control angiogram with satisfactory result



Pantera Pro

Indicated for dilation of coronary artery or bypass graft stenosis.*



Better crossability in tight lesions



43% less friction during kissing balloon technique



38% more push to reach target lesion

Technical Data

Proximal shaft

Design	Hypotube design
Diameter	2.0F
Shaft markers	92 cm and 102 cm from tip

Distal shaft

Guiding catheter	5F (min. I.D. 0.056"/1.42 mm)
Guide wire diameter	0.014"
Lesion entry profile	0.017"
Usable length	140 cm
Balloon material	Semi Crystalline Co-Polymer
Balloon folding	ø 1.25 - 1.5 mm: Two-fold; ø 2.0 - 4.0 mm: Tri-fold
Balloon markers	Platinum-Iridium: ø 1.25 - 1.5 mm one marker; ø 2.0 - 4.0 mm two markers
Coating distal shaft	Hydrophilic (end of balloon to Guide Wire (GW) exit port)
Balloon and tip coating	ø 1.25 - 2.0 mm: Hydrophilic ø 2.50 - 4.0 mm: Hydrophobic
Kissing balloon technique	6F guiding catheter (min. I.D. 0.070"/1.78 mm), up to ø 3.5 mm
Diameter	2.6F (ø 1.25 - 2.0 mm); 2.7F (ø 2.5 - 3.5 mm); 2.9F (ø 4.0 mm)

Compliance Chart

Balloon diameter x length (mm)

		Balloon diameter x length (mm)						
		ø 1.25 x 6-20	ø 1.50 x 6-20	ø 2.00 x 10-30	ø 2.50 x 10-30	ø 3.00 x 10-30	ø 3.50 x 10-30	ø 4.00 x 10-30
Nominal Pressure (NP)	atm**	7	7	7	7	7	7	7
	ø (mm)	1.24	1.49	2.01	2.49	3.08	3.62	3.95
Rated Burst Pressure (RBP)	atm**	14	14	14	14	14	14	14
	ø (mm)	1.37	1.72	2.23	2.93	3.50	4.06	4.55

**1 atm = 1.013 bar

Ordering Information

Balloon ø (mm) Catheter length 140 cm Balloon length (mm)

Balloon ø (mm)	6	10	15	20	25	30
1.25	393289	393291	393298	393305	-	-
1.50	393290	393292	393299	393306	-	-
2.00	-	393293	393300	393307	393312	393317
2.50	-	393294	393301	393308	393313	393318
3.00	-	393295	393302	393309	393314	393319
3.50	-	393296	393303	393310	393315	393320
4.00	-	393297	393304	393311	393316	393321

5F

*Indication as per IFU.

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